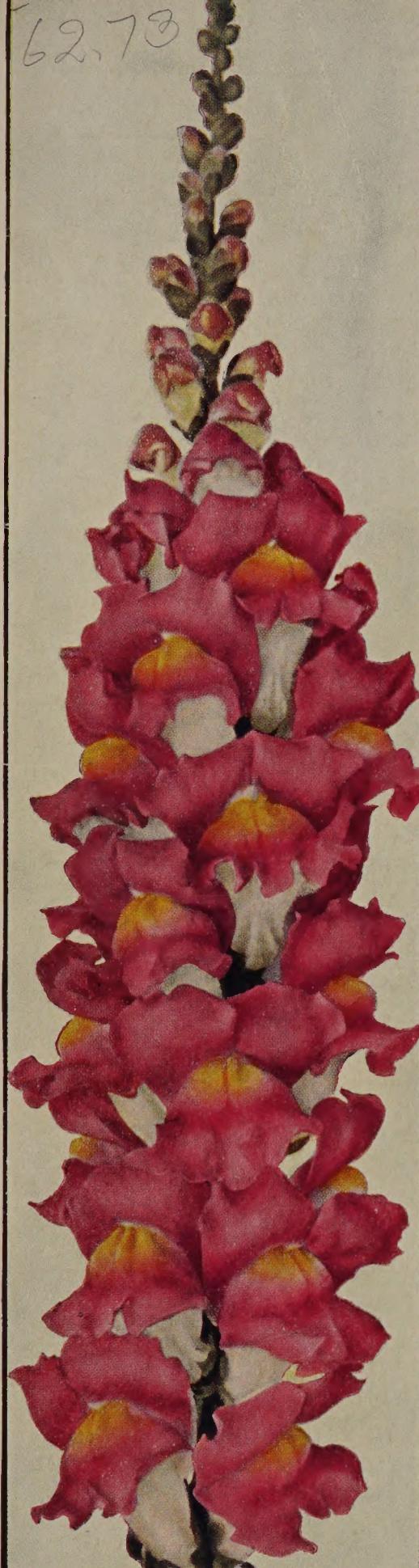


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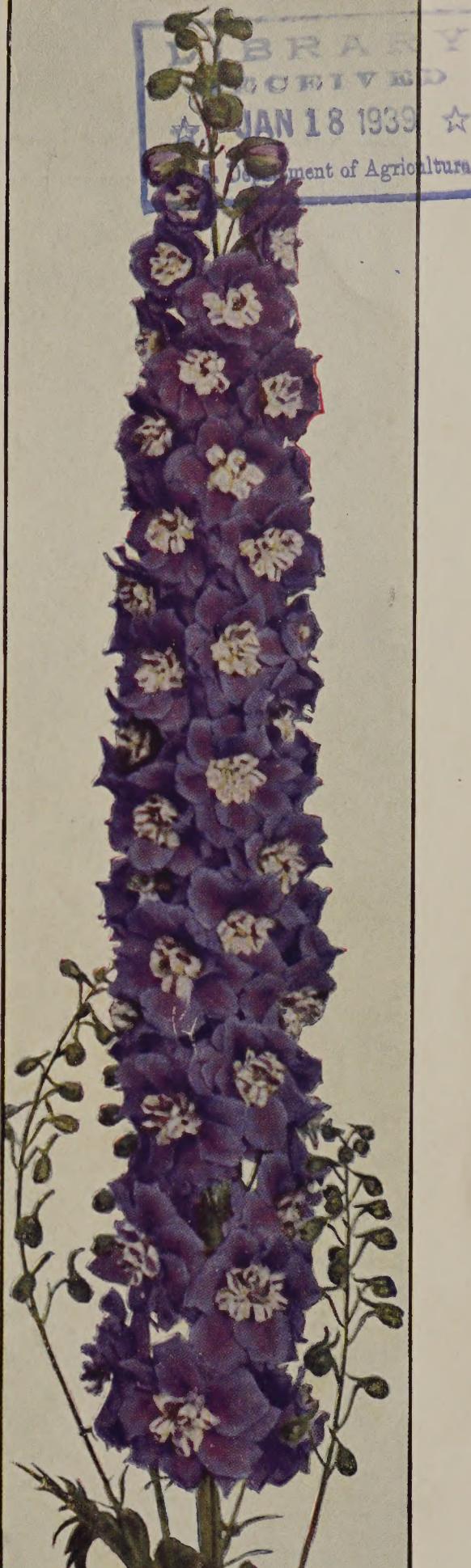
SPRING
1940
MICHELL'S
50th
ANNIVERSARY
Wholesale
CATALOG
*Seeds
Bulbs
Plants*
Supplies for
Florists
and Market
Gardeners



Quaker Maid Antirrhinum

*Michell's Exclusive Golden Jubilee
Introduction for 1940*

Brilliant rose, with yellow upper lip,
and white tube. The open florets are
well set on good strong spikes. Trade
pkt. 50c.; \$1.25 per $\frac{1}{8}$ oz.



Golden Jubilee Delphinium

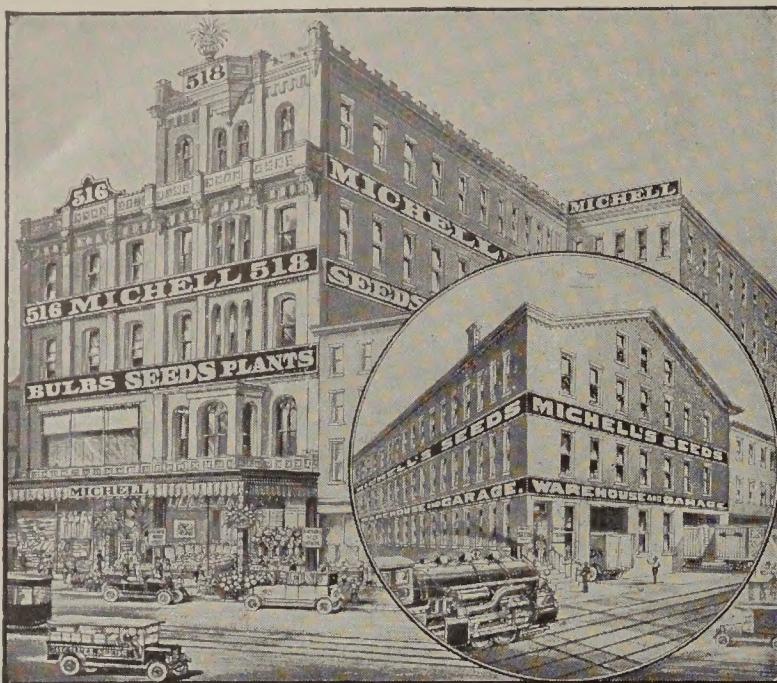
Super Giant Pacific Hybrids

The finest Delphinium yet offered to
the public. Choice mixed. Trade pkt.
\$1.00; \$2.00 per $\frac{1}{8}$ oz.; $\frac{1}{2}$ oz. \$7.00;
\$12.00 per oz.

HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.

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• IMPORTANT TO CUSTOMERS •



Please Notice

Orders at prices in this Catalog will be filled only for those engaged in the florist, landscape gardening, and market gardening business, or others entitled to such prices. We reserve the right to refuse to fill orders for others not entitled to these prices.

As a protection to our customers who are entitled to wholesale or florists' prices, we ask that they do not lend this Catalog to persons not entitled thereto. It will save us considerable embarrassment. Tell them to send for our "Seed Book"—free upon request.

We Welcome Charge Accounts

We invite you to take advantage of a charge account with us. So that no time will be lost in executing your first order, please refer, preferably, to someone in either your own or our line of business with whom you have a charge account. This frequently saves delay.

Discounts

On bills for Flower Seeds, Vegetable Seeds, and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted; 5 per cent cash discount is allowed on all orders of Flower Seeds and 3 per cent cash discount on all orders of Vegetable Seeds and Bulbs when remittance accompanies the order, unless on items specially quoted or priced. Cash discount above does not apply to dealers' orders, unless so stated in quotations or otherwise. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

Conditions of Sales

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and other Countries outside of the United States

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

Forwarding Service

We pay postage on all orders for Vegetable and Flower Seeds provided the order calls for packets, ounces, quarter pounds, or pounds (beans, corn, peas and grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage. All postage is charged on dealers' orders regardless of items ordered.

Parcel Post Rates

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on sundries or other merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces, are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

We do not make shipments of Plants or Cold-Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

Important Notice

All shipments of plants, perishable stock, and cold-storage bulbs are made at buyer's risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods (except at points where there is no Freight or Express agent) will still be continued, and claims for loss or non-arrival of merchandise not perishable will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.

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HENRY F. MICHELL CO., 516 and 518 Market St., PHILA.

Warehouses: 509-11-13 Ludlow St. and American and Dauphin Sts.

SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

1890

1940



OUR *Fiftieth* ANNIVERSARY

THE House of Michell was founded fifty years ago in 1890 when two brothers, Henry F. and Frederick J. Michell, opened a store in a modest 2½-story building at 1018 Market Street, Philadelphia, with four employees on the payroll in addition to the two proprietors.

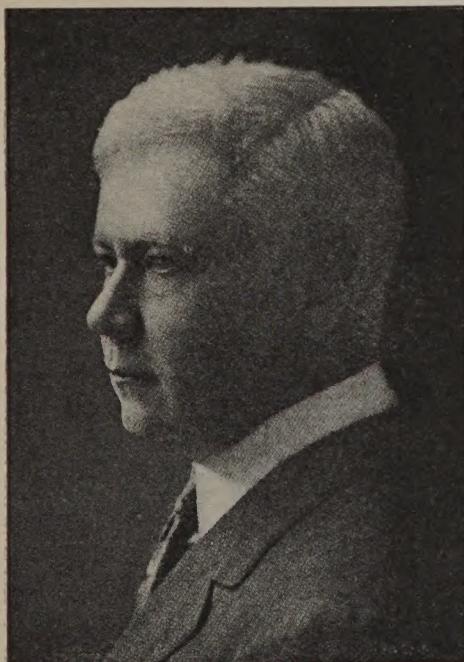
Like most young men going into business for themselves, they started out with high ideals and pledged themselves that "quality" of both merchandise and service would be their first, as well as last, consideration, and for half a century those ideals have never been lowered. This has not been an easy road to follow; it has meant constant attention to details by every member of the organization and a stubborn insistence on quality first, price second.

Our first catalog had 48 pages and was considered to be quite some catalog; this one has 172 pages and its colored illustrations are made from actual photographs of the flowers depicted.

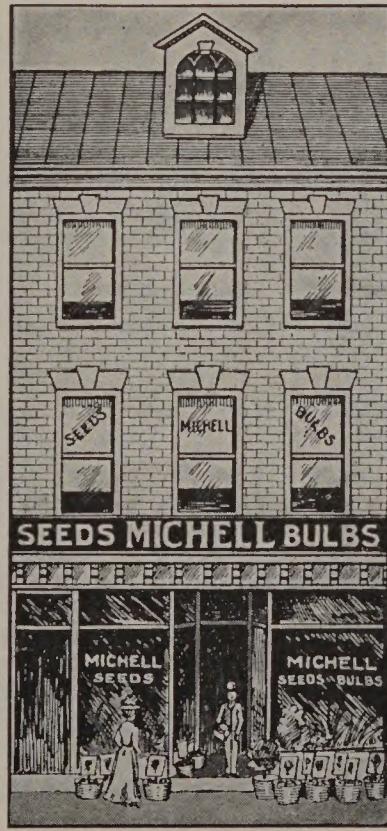
The merchandise and methods of the new firm pleased its customers so well that by 1899 it became necessary to rebuild the store into a five-story establishment, and we find, in going through the records for 1900, that the payrolls carried 80 employees, of whom 11 were commercial travelers who covered all the states east of the Mississippi.

In 1903 the business was incorporated, and in 1906 was departmentalized into eight departments—Flower Seed, Vegetable Seed, Grass Seed, Plant, Bulb, Tool and Implement, Sundry and Florist Supply—with a specialist at the head of each department. This made for even better service and was so appreciated by the public that by 1910 it was necessary to find larger quarters, and property at 518 Market Street, a few blocks farther down town, was bought and remodeled into a modern, up-to-date seed establishment at the remodeling cost of \$50,000.00. Soon after this it became evident that the business was outgrowing its storage space, so in 1912 a large 4-story building on Ludlow Street was secured, and this was occupied until 1918 when growing pains again called for action, and the immense building at American and Dauphin Streets became the Michell warehouse. This great building has four floors of 20,000 square feet each, and a basement, with a private railroad siding running into the building.

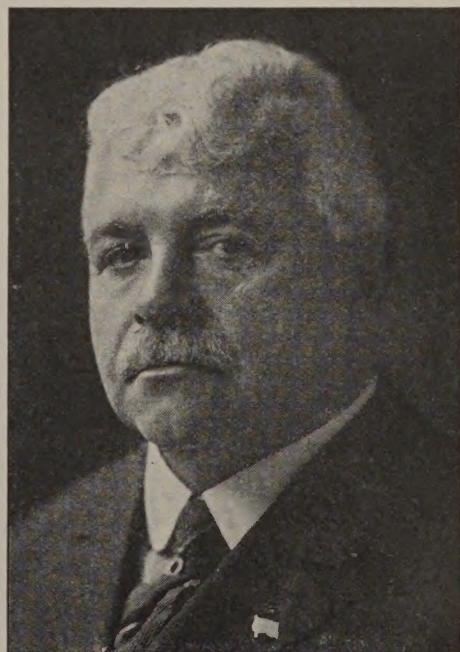
In 1922, to relieve the now overcrowded store, the building next door, at 516 Market Street, was purchased and converted into a modern salesroom.



HENRY F. MICHELL



THE MICHELL BUILDING
1890 to 1899



FREDERICK J. MICHELL

1890
1940

Today's personnel of 140 people includes 20 traveling salesmen who look after the wants of large buyers, while the store fills orders from every state in the Union as well as Europe, South America, and other foreign countries.

The scope of the present business can be estimated from the fact that our annual sales of grass seed are around 800,000 pounds, while our Bulb Department handles well over 12,000,000 imported and domestic bulbs. During 1938 the Florist Supply Department imported 20 tons of Ruscus and 75 cases of Statice, just two of the items handled.

Michell's Flower Seed Department is one of the most up-to-date in the United States and supplies the majority of the professional growers with their flower seed requirements. The Sundry Department is the most diversified and complete of its kind anywhere, being able to supply everything that is required for the garden, greenhouse, lawn, nursery, or farm.

Michell's Vegetable Seed Department is one of the most important sections of the business. All the leading varieties, as well as the newer sorts, are constantly checked for reliability and improvement, and the four corners of the earth are searched for varieties of vegetable seed that will be of value to the American gardener.

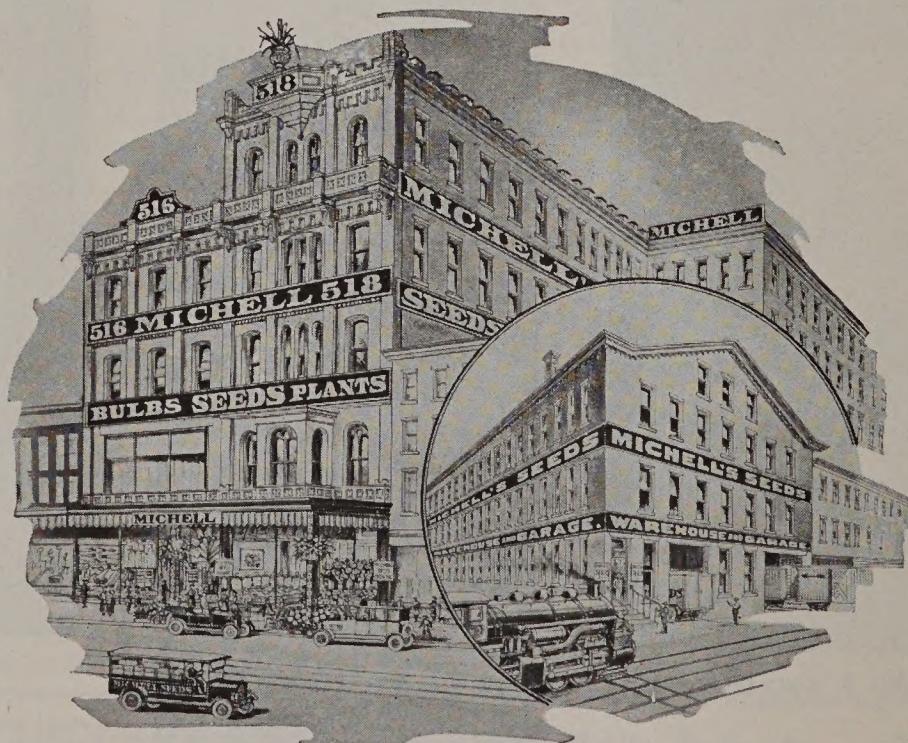
Our vegetable seed expert is constantly testing and searching for improved varieties with greater productiveness and more desirable appearance, so as to assure our trade that the best in vegetable seeds is always available here. All vegetable seed stock, before delivered to the customer, is subjected to a soil-test and a machine-test to insure sturdy growth and purity.

Michell's Plant and Nursery Department is one of the most active sections of the Michell's organization. We are constantly on the alert for new and odd varieties of plants, and we have furnished the gardening trade in this section for the last fifty years with the most desirable and productive in annual plants, perennial plants, trees and shrubbery, as well as a complete assortment of greenhouse and forcing plants of all varieties. Customers can be assured of getting the finest and most reliable sorts of all plants when they care to entrust orders to our care.

Among the novelties that we have introduced are the Helen Michell Geranium, the New Sensation Geranium and the Butterfly Bush, which was one of the largest selling novelties ever introduced and is still in demand with hundreds of gardeners. Only the finest varieties of Roses are offered after they have passed our most critical test for hardiness, productiveness, and blooming qualities.

In addition to the various departments enumerated above, please bear in mind the fact that Michell's Seed House is in a position to furnish everything that the gardener, either professional or amateur, commercial greenhouse grower, large estates, institutions and the golf clubs require for the proper conduct of their business.

The founders have both gone to their reward, Frederick J. passing in 1928 and Henry F. in 1932. The present officers, Frederick J. Michell, Jr., C. F. Schermerhorn, Frank B. Michell, W. G. Arader are sons and sons-in-law of the founders.



THE MICHELL STORE AND WAREHOUSE TODAY

Michell's Novelty and Specialty Flower Seeds

FOR 1940 · For General List of Flower Seeds, See Pages 7 to 34

New Acroclinium, Sensation Giants

An improved strain of Acroclinium that produces much larger blooms than any existing strain and grows 6 to 8 inches taller. Each flower is full double and will average a good 3 inches across. The colors range from medium rose to light pink shades. A florist flower *par excellence*. Trade pkt. 40c.; \$2.00 per oz.

Ageratum, Midget Blue

Silver Medal, 1940 All-America Selections

After many years of diligent selection there is a real satisfaction in offering a very fine dwarf (2 to 3 inches high) Ageratum which is practically smothered with small true Ageratum-blue flowers. This is really a dwarf variety, and will come uniformly true from seed. Trade pkt. 75c.; \$1.50 per $\frac{1}{8}$ oz.

New Alyssum, Violet Queen

A new dwarf compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come very true from seed. Trade pkt. 30c.; \$1.50 per oz.

Rustproof Antirrhinum · Snapdragon

This strain has proved excellent under extensively wet outdoor conditions. They have stood the tests and are better than 75 per cent rust-proof. For growing outdoors for cutting or bedding, they will prove excellent. Each plant produces from 15 to 18 spikes, which are non-lateral, with flower-heads 10 to 14 inches long. They are of vigorous growth with broad, dark green foliage practically immune from rust.

MICHELL'S EXCLUSIVE GOLDEN JUBILEE INTRODUCTION, QUAKER MAID. This excellent new rustproof Maximum type of Snapdragon is one of the finest large-flowering varieties we have seen. The color is a brilliant rose, with large, open florets which have yellow upper lips, and the tubes are pure white. The individual flowers are well set on good, strong, wiry spikes. This variety will prove excellent for outdoor cut-flowers. The plants are base-branching and produce from six to eight huge long-flowering spikes on which the florets are decidedly well arranged. This is an all-purpose Snap. We cannot recommend it too highly for both bedding and cutting. See color illustration on front cover. Trade pkt. 50c.; \$1.25 per $\frac{1}{8}$ oz.

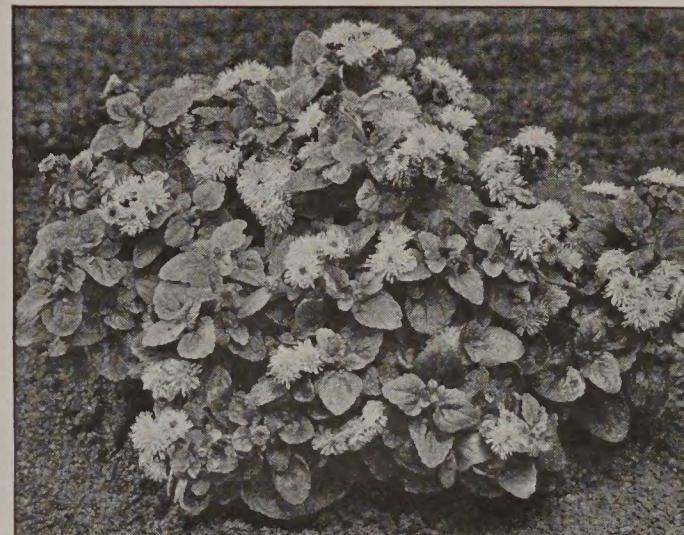
ROSLIE, MAJUS GRANDIFLORA RUSTPROOF. Bronze Medal, 1940 All-America Selections. This exciting color is entirely new in Antirrhinums. It is a deep rich rose, with an underlying tone of topaz or amber, giving it a richness which makes it stand out conspicuously among all other colors. The tube and lip are the same color, which greatly intensifies the depth and richness of color. This is a base-branching type, producing many large flower-spikes, with closely set florets. Excellent for cut-flowers and the garden. Trade pkt. 50c.; \$1.00 per $\frac{1}{8}$ oz.

MICHELL'S NAOMI. This new forcing Snapdragon is a brilliant rose-pink with a light touch of yellow on the upper lip. Its exquisite coloring is even more vivid under artificial lighting. Immense flower-heads, 18 to 24 inches long, carry 75 and over, closely set, large, wide-open florets which measure over 2 inches, making the spike truly a giant. Its stems are heavy and as strong as wire. The keeping qualities are excellent, the spikes lasting in good condition for over a week. We are proud to offer this splendid Snapdragon to our customers with the assurance that it will prove a real money-maker. Trade pkt. (1200 seeds) \$2.00 each net; \$6.00 for 3 trade pkts.

MICHELL'S NEW IMPROVED RUSTPROOF, CHEVIOT MAID SUPREME. We are proud to introduce this splendid new Snapdragon, which we believe to be the first rustproof in the forcing types. The color is a rich coral-rose and the non-shattering, large florets are closely set on heavy spikes with good, wiry stems. This variety will prove equally good for outdoor cut-flowers as well as greenhouse forcing. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; 3 trade pkts. \$2.50; $\frac{1}{8}$ oz. \$3.00.

Aster, Wilt-resistant Early Giant, Rose Marie Honorable Mention, All-America Selections

Rose Marie is a fascinating, rich, lively shade of rose which is probably the most popular color in Asters. The full flowers have broad, graceful petals, daintily plumed and intertwined, very large (4 to 5 inches in diameter), and similar to Giants of California blooms. The plants grow from 1 $\frac{1}{2}$ to 2 feet tall, with branches coming low on the central spike, and only 6 to 8 flowers are produced on each plant. One of the most desirable of the new Early Giant Wilt-resistant Asters. Trade pkt. 50c.; \$3.50 per oz.



Ageratum, Midget Blue

Aster, Crego, Enchantress, Wilt-resistant

An entirely new color in Asters—a lovely shade of lively salmon-rose, one of the brightest colors yet developed. The flowers are exceptionally large and of good substance. Plants are branching and free flowering, producing blooms in early September. Trade pkt. 40c.; \$2.00 per oz.

Aster, Early Giant Wilt-resistant, Light Blue

Silver Medal, All-America Selections

The flowers of this strain are very similar to Giants of California—very large and full, with broad, graceful petals, daintily plumed and intertwined. The plants, however, differ considerably from the Giants of California as they are only 1 $\frac{1}{2}$ to 2 feet high, with branches coming from low on the central spike. They are of very early blooming habit, coming into flower the first week in September. Trade pkt. 40c.; \$2.00 per oz.

Celosia cristata, Royal Velvet

Honorable Mention, All-America Selections

Early-blooming, basal-branching cockscomb type. Extra-large center head of rich ruby-red with velvety texture surrounded by numerous erect branches mounted with medium-sized combs. Plants are about 2 feet high, very uniform and symmetrical in growth. The long-stemmed branches are excellent for cutting, especially for commercial purposes; also for dried winter bouquets. If center head is not desired, pinch out when plant is young. Trade pkt. 50c.; \$1.00 per $\frac{1}{8}$ oz.

Centaurea imperialis, Lavender Beauty

Flowers are larger than other *imperialis* types and reach a size of 3 to 3 $\frac{1}{2}$ inches. Heavy lateral branches make cut-flowers possible, and its delicately beautiful color will soon make it a great favorite. An easy-grown annual that blooms over a long period. Trade pkt. 40c.; \$2.00 per oz.

Cosmos, New Double Early Sensation, Mixed

The flowers are equally as large as the regular single Sensation. Two types, fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available this season in a mixture only of white, pink, and crimson. Trade pkt. 50c.; \$1.00 per $\frac{1}{8}$ oz.

Ipomoea (Morning-Glory), Scarlett O'Hara

Gold Medal, All-America Selections

A new early-flowering Morning-Glory. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet, but lacking the harshness usually found in this color. Although not readily seen, there is just enough orange hidden in the color make-up to give the impression that the blooms are of soft velvet. A very early bloomer. The first flowers will begin to appear in about sixty-five days from seed. Very prolific bloomer, and the flowers remain open all day, even in the warmest weather. Trade pkt. 50c.; \$3.00 per oz.

The Super Giant Pacific Hybrid Delphiniums are outstanding

Cynoglossum, Firmament

Bronze Medal, All-America Selections

A new, dwarf, compact type 15 inches tall. Color deep ultra marine blue. Excellent as a cut-flower. Trade pkt. 40c.; \$3.00 per oz.

Delphinium • Perennial Larkspur SUPER GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the Originator's stock seed only.

Galahad Series. This is a new strain with clear white, enormous individual flowers averaging 3 inches in diameter, well spaced on strong, whippy stems. The plants are mildew resistant. This strain is the strongest and largest white Delphinium. Trade pkt. \$2.00; \$4.00 per 1/8oz.; 1/4oz. \$7.00.

Lancelot Series. A new color in Delphiniums—pure lilac self-tone with white bee. Individual flowers 2 to 2 1/2 inches in diameter. An ideal cut- and show-flower. Trade pkt. \$2.00.

White Majesty. Giant pure white. Trade pkt. \$1.25; \$2.50 per 1/8oz.; 1/4oz. \$4.00; \$14.00 per oz.

Dark Blue Shades. Trade pkt. \$1.00; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

Light Blue Shades. Trade pkt. \$1.00; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

Pastel Shades. Trade pkt. \$1.00; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

Mixed Colors. Trade pkt. \$1.00; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

New Larkspur, Giant Imperial, Pink Perfection

Flowers are a very lively, luscious shade of light pink and the individual florets are 2 inches across, closely spaced on the stem, giving a heavy hollyhock-like cutting spike 2 feet in length. Ideal as a florist color, also a magnificent addition to the home-garden. Trade pkt. 40c.; \$2.00 per oz.

Larkspur, Cockade

A new improved strain of base-branching Giant Imperial type. Symmetrical plants with longer flowering spikes.

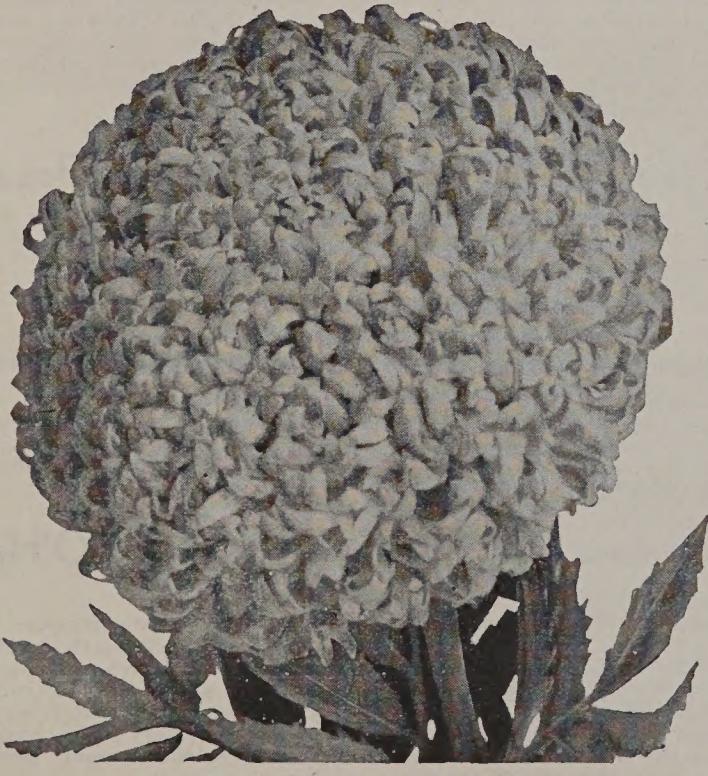
Blue Cockade. Rich lilac-blue. Trade pkt. 30c.; \$1.00 per oz.; 1/4lb. \$3.00.

Rose Cockade. Salmon-rose. Trade pkt. 30c.; \$1.00 per oz.; 1/4lb. \$3.00.

Sapphire Cockade. Deep lilac. Trade pkt. 30c.; \$1.00 per oz.; 1/4lb. \$3.00.

White Cockade. Pure white. Trade pkt. 30c.; \$1.00 per oz.; 1/4lb. \$3.00.

Mixed. Trade pkt. 30c.; \$1.00 per oz.; 1/4lb. \$3.00.



Marigold, Golden Jubilee

Marigold, Early Dwarf Chrysanthemum-flowered, Golden Jubilee

Michell's Exclusive Introduction for 1940

This new, very early, dwarf, Mum-flowered Marigold grows about 1 1/2 feet high and produces excellent, large, double, Chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. Fine for bedding or planting in groups in the perennial border. Trade pkt. 50c.; \$3.00 per oz.

New Marigold, Extra-early Dwarf Hybrids, Carnation-flowered

The earliest of all African-type Marigolds. Very free flowering, the color ranging from bright orange to clear lemon, including a number of rich orange shades. It grows to a height of 1 1/2 feet, with many base branches and laterals, all blooming at the same time, producing a mass of color that completely smothers the foliage. The blooms are from 2 1/2 to 3 inches in diameter, of a Guinea Gold type, but with a quilled center. An entirely new and distinct type of Marigold. It will bloom from three to four weeks ahead of the other African Marigolds. Trade pkt. 40c.; \$2.00 per oz.

New Marigold, French Dwarf Double, Harmony Hybrids

This variety comes practically 100 per cent true. The plants grow 12 to 14 inches high, and commence blooming two and a half months after seed is sown. Flowers are of medium size, and the color-range includes innumerable combinations of the popular Harmony Marigold. All the flowers have the familiar crested center, flanked by several rows of broad guard-petals. As a showy garden subject, Harmony Hybrids take first honors and will undoubtedly supersede all other dwarf French types. Trade pkt. 50c.; \$1.25 per 1/4oz.

New Marigold, French Dwarf Double, Spotlight (Harmony Type)

A showy companion to the popular Harmony Marigold, Spotlight, takes its place on the Marigold roll of honor. The plants are about 12 to 14 inches high, very compact, extremely free blooming, and unusually early. At least two weeks earlier than other French varieties. They have the characteristic Harmony flower formation, scabiosa-like, with crested centers of dainty tubular petals in a bright yellow shade which contrasts with the velvety dark mahogany-red guard petals. An excellent type for bedding. Trade pkt. 60c.; \$1.25 per 1/4oz.

New Marigold, Dwarf French, Scabious-flowered, Orbit

This variety grows to a height of 11 inches, is very free flowering, and the compact little plants are excellent for border and bedding purposes. The color is a deep golden yellow with quilled center, with a perfect background of reddish brown guard-petals. The doubles percentage is in the high nineties. Trade pkt. 50c.; \$3.00 per oz.

New Marigold, French Tall Single, Ferdinand (Harmony Type)

Ferdinand is one of the gayest of the new flowers. It is single with a neat, round, crested center of dainty tubular florets in an arresting shade of golden yellow, surrounded by a single row of broad, mahogany-red guard-petals. Flowers are medium size, extremely showy, and attractive. The plants grow from 20 to 24 inches tall, with an upright, semi-compact, full-foliaged growth-habit. The stems are well over a foot in length, making this variety a fine cut-flower subject as well as an attractive and showy garden plant. Trade pkt. 60c.; \$1.25 per 1/4oz.

New Early-flowering Marigold, Winter Harmony

An entirely new quilled scabious type for winter flowering in the greenhouse. The center is a golden orange with a single row of reddish brown guard petals. Very uniform in growth. Height 2 1/2 to 3 feet, producing 100 per cent double 2-inch flowers. Trade pkt. 50c.; \$1.00 per 1/4oz.; oz. \$3.00.

Marigold, Gigantea, Orange Sunset

An outstanding sort. Orange Sunset is one of the foremost varieties of the year. The flowers average 5 inches or more in diameter and are unquestionably the largest Marigolds to date. The color is a deep, rich, lively orange. Flowers are very full, centered with broad, heavy, wavy petals which gracefully overlap to make them ideal not only for garden decoration but for cut-flower use as well. Trade pkt. 50c.; oz. \$2.50.

The New Sunshine Pansies really bloom all summer

Marigold, New Sunrise

An early-blooming form of Dixie Sunshine. The flowers are large and ball-shaped, composed of dozens of tiny petals gracefully interlocked and daintily fringed in effect. The color is a rich brilliant golden yellow and most important is the fact that Sunrise comes 100 per cent true. The plants are tall and bushy. Trade pkt. 40c.; \$2.00 per oz.

Petunias, Michell's Exclusive Introductions

MICHELL'S NEW IMPROVED DWARF GIANT, COPPER-RED. An outstanding new variety. The ruffled flowers are a brilliant copper-red, with beautifully veined dark throats. Excellent for pots or bedding. See color illustration on back cover. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$3.00.

MICHELL'S NEW IMPROVED DWARF GIANT, PINK GLORY. A new improved strain which produces very large, plain-edged, rose-pink flowers. Plants are of dwarf, compact habit, making this variety a splendid type for pots or for bedding. See color illustration on back cover. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$2.50.

HYBRIDA, SINGLE, PINK GLEAM. 1940 introduction. This new type is a brilliant velvety rose. The plants grow about $1\frac{1}{2}$ feet tall and are exceptionally free flowering. Splendid for bedding or massing effects. $\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; $\frac{1}{8}$ oz. \$1.00.

HYBRIDA, HOLLYWOOD STAR, MIXED. 1940 introduction. Identical with the popular Hollywood Star variety introduced last season, with the exception that this is a choice mixture, ranging in colors from white through light pinks to dark red. $\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; \$1.00 per $\frac{1}{8}$ oz.

SUPER FLUFFY RUFFLES. Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Exceptionally free flowering. Excellent for bedding and growing in pots. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$2.50.

DWARF ELK'S PRIDE. A really dwarf type of this double Petunia in which the straggly habit is entirely lacking. The plants are of upright habit, free flowering, and the color the well-known royal purple. See color illustration on back cover. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$2.00.

Petunia hybrida nana compacta

GLOW. Silver Medal, 1940 All-America Selections. An excellent new strain with medium-sized single flowers of a very intense glowing carmine-rose color. The individual flowers measure $2\frac{1}{4}$ inches across, and are borne in great profusion on dwarf plants. This variety is attractive for bedding, proving especially good under hot-weather conditions. Invaluable as a pot-plant. Trade pkt. 75c.; $\frac{1}{32}$ oz. \$2.50; \$4.50 per $\frac{1}{16}$ oz.; $\frac{1}{8}$ oz. \$8.00.

BLUE BALL. New. We believe this to be the best dwarf, dark blue Petunia ever placed on the market. Flowers are a deep velvety violet-blue. Early flowering habit; dwarf compact growers. Trade pkt. 50c.; \$1.25 per $\frac{1}{4}$ oz.; oz. \$3.50.

SCARLET FLAME. New. A splendid dwarf, compact-growing type with large, brilliant scarlet-rose flowers. This type is excellent for borders and bedding. Trade pkt. 50c.; \$1.25 per $\frac{1}{4}$ oz.; oz. \$3.50.

VIOLET-BLUE. (Dwarf Single.) New. The grand color of this new Petunia is a rich violet with a bright blue cast. The plants are uniform, symmetrical, and compact in habit. A decidedly neat plant that will hold its fine habit throughout the season. Its clean, dark foliage is hardly visible due to the great number of rich violet-blue flowers. $\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; $\frac{1}{8}$ oz. \$1.00.

WHITE PERFECTION. New. This is one of the best white Petunias in existence. The individual flowers measure about 2 inches across. Plants are compact in growth with abundant snow-white flowers, which completely cover the plants. Trade pkt. 50c.; \$1.25 per $\frac{1}{4}$ oz.; oz. \$3.50.

Petunia grandiflora nana compacta, Velvet Ball (Dwarf Flaming Velvet)

Bronze Medal, All-America Selections

This new Grandiflora nana compacta type is the last word in excellence for compactness, dwarfness, and free-flowering character. The plants reach a height of about 8 inches with a spread of only 8 to 10 inches, and will have a dozen or more flowers in bloom at a time, each comparatively large, about $2\frac{1}{2}$ inches in diameter, well shaped, and of a deep, luscious shade of velvety blood-red. Trade pkt. 60c.; \$1.50 per $\frac{1}{32}$ oz.



Pansies, Sunshine Art Shades

New Pansy, Sunshine Art Shades

This new strain has been developed into a very free-flowering type that blooms exceedingly well during the hot summer months. When all other Pansies have faded because of the heat, this strain will continue to give an abundant quantity of flowers. The colors are a beautiful range of delightful bright pastel and art shades, containing many unusual tints and blotches. Flowers are of a medium size and carried on long stems. An excellent new type for bedding, and the flowers prove good subjects for house decorations in bowls. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{8}$ oz. \$2.00.

Petunia, New Miniature Ruffled, Betsy Ross

This is a fine-type red and white Petunia, with the white blending to golden and the red blending to very deep red in the throat. The blooms are $2\frac{1}{2}$ inches in diameter and well ruffled, with a good open throat. Plants are uniform and compact, completely covered with ruffled blooms. In addition to being unsurpassed for bedding purposes, this new Petunia, due to its fine habit and free-flowering quality, is sure to become very popular as a pot-plant. $\frac{1}{2}$ trade pkt. 40c.; 75c. per trade pkt.; $\frac{1}{32}$ oz. \$2.00.

Petunia grandiflora, Hollywood Star

Silver Medal, All-America Selections. This lovely new Petunia is a charming shade of rich rose with an amber throat. The flower is unique—it is in the form of a five-pointed star. This is a very fine garden variety, as it is early and free blooming, and the strong, vigorous plants are so smothered with blooms that hardly any foliage shows. $\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; oz. \$3.50.

Petunia, Giants of California, Bodger's Supreme Florists' Strain

This new strain we believe to be the finest of the well-known Giants of California type. The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. The flowers are freely produced on strong plants which are medium-tall in habit. Excellent for bedding as well as window-boxes. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$3.00.

New Single Large-flowering Petunia, Snowstorm

A fine, large-flowering, plain-edged, pure white variety. Very free blooming. Exceptionally good as a pot-plant or for bedding. The best pure white Petunia for growing in borders or beds. See color illustration on back cover. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{32}$ oz. \$2.50.

New Ornamental Variegated-leaved Christmas Pepper

An interesting novelty as a pot-plant for the Christmas and holiday trade. The fruits are oblong in shape, are borne in clusters, and are of a bright red color. The foliage is variegated light and dark green. Plants are dwarf in habit and will complete growth as early as the regular type of Solanum or Christmas Pepper. Trade pkt. 40c.; \$2.00 per oz.

Every garden should have the splendid Zinnia linearis



Zinnia, Scabious-flowered,
Campfire

Phlox Drummondi gigantea, Salmon Glory

Silver Medal, All-America Selections. We take pleasure in offering this new Phlox, Salmon Glory. The individuals are gigantic for Phlox, measuring from $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. Color is a pure salmon-pink with a distinct creamy white throat. With its clear, clean, crisp appearance, makes one of the most beautiful Phlox combinations. Trade pkt. 50c.; \$1.00 per $\frac{1}{4}$ oz.

New Salpiglossis, Rose-Crimson and Gold

Definitely a new color in Salpiglossis. The richly colored blooms are one-half again as large as the ordinary type. Excellent for cutting. Trade pkt. 30c.; \$2.00 per oz.

Scabiosa, Imperial Giants, Blue Moon

Honorable Mention, All-America Selections. This new type has flowers composed entirely of broad, heavy, wavy petals, eliminating the pin-cushion center entirely. In other words, the flower is literally fully double. Extremely large and deep, $2\frac{3}{4}$ inches across and 2 to $2\frac{3}{4}$ inches deep, about the shape of an old-fashioned beehive. The color is a rich, deep lavender-blue, a shade which maintains its effectiveness indoors or out. Plants are extremely upright, growing tall ($3\frac{1}{2}$ to 4 feet) and the long, heavy, yet wiry stems hold the flowers proudly erect. This is an ideal cutting type. Trade pkt. 40c.; \$2.50 per oz.

New Stock, Super Early Saint Amour

An Exclusive Michell 1940 Introduction

This is an excellent early branching type. The color of the flowers is a clear lavender-rose. The plants are very branching, free flowering, and an excellent subject for pot-culture, as well as cutting. The percentage of doubles is well over 80. We believe this to be one of the finest forcing Stocks. Trade pkt. 75c.; \$2.25 per $\frac{1}{4}$ oz.

Stock, Super-giant Imperial, Mammoth Rose

An Exclusive Michell 1940 Introduction

As the name implies, this new variety is the largest flowering of this group. Color is a brilliant rose-pink. The individual florets are huge. Excellent for cut-flowers. $\frac{1}{2}$ trade pkt. 40c.; 75c. per trade pkt.; oz. \$4.50.

New Stock, Giants of California, Mojave

This is a rich velvety purple or Elk's Pride color. The immense florets tightly clustered on a long center spike—such as is found only in this strain of Stock. $\frac{1}{2}$ trade pkt. 40c.; 75c. per trade pkt.; oz. \$4.50.

New Summer-flowering Sweet Peas

CRONY. Novelty. An exhibition Sweet Pea of the first rank. Large, soft golden salmon flowers. The stems are long and the plant is a very strong grower. Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00.

MAYTIME. Huge individual flowers with four and five to a stem. The color is a rich golden cerise. Oz. 25c.; 75c. per $\frac{1}{4}$ lb.; lb. \$2.50.

Spring-flowering Sweet Peas

For outdoor planting, sow the seed as early as possible. The plants are very vigorous, heat-resistant, and will bloom well into the summer.

ROSE-PINK. Silver Medal, 1940 All-America Selections. A beautiful clear rose-pink shade. $\frac{1}{2}$ oz. 75c.; \$1.40 per oz.; $\frac{1}{4}$ lb. \$5.50.

BLUE. Bronze Medal, 1940 All-America Selections. Splendid clear marine-blue. $\frac{1}{2}$ oz. 75c.; \$1.40 per oz.; $\frac{1}{4}$ lb. \$5.50.

LAVENDER. Honorable Mention, 1940 All-America Selections. Fine clear lavender shade. $\frac{1}{2}$ oz. 75c.; \$1.40 per oz.; $\frac{1}{4}$ lb. \$5.50.

Verbena, Dwarf Compact Varieties

This group is very neat and compact in habit and continuous blooming. Well adapted for bedding, borders, and small gardens.

PASTEL SHADES. An exceptionally beautiful blend of new shades with very large flowers. Trade pkt. 40c.; \$2.50 per oz.

VIOLET BOUQUET. Deep violet with cream eye. An excellent variety. Trade pkt. 40c.; \$2.50 per oz.

Verbena, Giant Brilliant hybrida grandiflora

The color of this new Verbena is a rich deep flame-rose with a medium-sized white eye. The white eye helps bring out the intense flame color in the rose. This is one of the loveliest colored Verbenas yet introduced. Trade pkt. 50c.; \$3.00 per oz.

Verbena, Crimson Glow

This is the finest and deepest red shade available in this popular garden flower, a rich glowing crimson. The plants are a solid mass of growth, making this variety an excellent addition for bedding or borders. Trade pkt. 40c.; \$2.00 per oz.

New Zinnia, Scabious-flowered, Campfire

This is the most recent color development in the scabious-flowered type. The color is a vivid intense scarlet, one of the most showy in the Zinnia family. Flowers are carried on strong stems of good length for cutting, while the free-flowering plants reach a height of 2 to $2\frac{1}{2}$ feet. Trade pkt. 50c.; \$2.50 per oz.

New Zinnia, Fantasy, Wildfire

A very vivid companion to Star Dust, Rosalie, and Orange Lady. This new variety is a rich dazzling scarlet. The plants are neat in habit, strong growing, $2\frac{1}{2}$ to 3 feet in height, and free blooming, coming into flower 45 to 50 days after the seed is sown. Trade pkt. 50c.; \$2.50 per oz.

Zinnia, Fantasy, Orange Lady

A new separate color in the Fantasy group, Orange Lady is a rich shade of deep bright orange. The medium-sized, $2\frac{1}{2}$ to 3-inch flowers are shaggy and gay in appearance, making a vivid spot of color in the garden, and extremely desirable for cutting. Of strong-growing habits, there are flowers in 45 to 50 days after sowing. Trade pkt. 40c.; \$2.00 per oz.

Zinnia, Fantasy, Rosalie

A worthy companion to Orange Lady. Color is a bright, intense rose, equally lovely in the garden or when cut. Plants are neat in habit, strong growing, free flowering, about $2\frac{1}{2}$ to 3 feet in height. The delicate, informal flowers composed of a mass of shaggy, ray-like petals are a contrast to the stiff, formal Zinnias to which we are accustomed. Trade pkt. 40c.; \$2.00 per oz.

Zinnia, New Scabious-flowered, Sunburst

A new strain with medium-sized flowers, $1\frac{1}{2}$ to 2 inches across, carried on strong stems of medium length. Plants are 2 to $2\frac{1}{2}$ feet in height, branching and free flowering. The color is a very bright, pure canary-yellow, dazzling in its intensity. Sunburst is a very showy garden variety and is particularly effective for home decoration. Early flowering, blooming 40 to 45 days from the time of planting. Trade pkt. 40c.; \$2.00 per oz.

Zinnia linearis

A very unusual and interesting new type of Zinnia. The flowers are single, in a lovely shade of golden orange with a delicate lemon stripe through each petal. Plants are quite dwarf and extremely early flowering, commencing to bloom when the plants are 6 inches tall, and are continually a mass of bloom until late fall. The plants grow 8 to 10 inches tall and spread as much as 2 feet. Trade pkt. 30c.; \$1.50 per oz.

Michell's "Distinctive" Flower Seeds

"Distinctive" Strains of Flower Seeds for the florist are one of our specialties and no trouble or expense is spared in our endeavor to supply only the best and most improved strains, from both home and foreign growers.

For full descriptions, see our Retail Catalog, a copy of which will be mailed free upon application.

NOTE—Half trade packets are supplied only where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent from our Retail Catalog prices.

On all Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, except for Registry or Insurance.

Varieties marked * are especially suitable for rock-gardens

SEEDS OF ANNUALS AND GREENHOUSE PLANTS

Seeds of Hardy Perennials are offered on pages 29 to 34

Fractions of ounces are supplied as follows:

Where price per oz. is	Where price per oz. is	1/2oz.	1/4oz.
\$0 25	\$0 75	\$0 40	\$0 25
30 ounce is 50c. or	1 00	50	30
35 less, half - ounces	1 25	65	35
40 can be supplied	1 50	75	45
50 at a slight in- crease in prices.	1 75	90	50
1/2oz.	2 00	1 00	60
60 \$0 35	2 25	1 15	65
\$0 20	2 50	1 25	70

Abutilon • Flowering Maple

Trade pkt. Oz.
Choicest Mixed..... 1/8oz. \$1.25. \$0 50

Acroclinium • Everlasting

Excellent for cutting when fresh, or for winter bouquets.

SENSATION GIANTS. For description see Novelties,
page 3 40 \$2 00
Double Mixed. 15 40

Ageratum • Floss Flower

Excellent bedding plants. Seed should be sown early for good-sized plants for spring sales.

Trade pkt. Oz. 1/4lb.

MIDGET BLUE. For description see Novelties,
page 3 1/8oz. \$1.50. \$0 75

FAIRY PINK. Novelty. This new Ageratum is a delightful soft salmon-rose-pink color. Habit of plant dwarf and compact. Commences to bloom when the plants are 1 1/2 to 2 inches high. The maximum height is 5 inches. 1/4oz. \$1.50. 50

MICHELL'S BLUE BOY. Novelty. Extra dwarf. This Michell's Strain is the result of many years' careful selection. Plants compact and very dwarf, about 4 inches high. Growth uniform and plants are almost completely smothered with flowers of the richest shades of blue. 50 \$3 50

Blue Cap. A fine dwarf variety, very compact, with flowers larger than Little Blue Star and deeper in color. 50 2 50

***Blue Ball.** Very large, blue flowers. Dwarf. 20 75

Blue Perfection. Best dark blue. Fine for cutting. 1 ft. 15 60 \$2 00

Little Blue Star. Very dwarf. Bright blue. 40 2 00

Imperial Dwarf Blue. 8 in. 15 50 1 75

Imperial Dwarf White. 8 in. 15 50 1 75

Imperial Dwarf Mixed. 15 40 1 40

Alyssum

VIOLET QUEEN. A new dwarf compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come very true from seed. 30 1 50

***MICHELL'S BOUQUET.** Our specially selected strain is the finest dwarf type obtainable. Plants form perfect bouquets of miniature white flowers. Fine for growing in pots and a real gem for edging. Superior to all existing types. 1/2lb. \$5.00. 20 75 2 75

Lilac Queen. Dwarf and compact. Flowers lilac. 15 50 1 50

Little Gem. Our strain of this popular sort is quite distinct. Very dwarf and compact. 1/2lb. \$2.75. 15 50 1 50

Sweet (A. maritimum). The well-known, fragrant, white, trailing variety. 1/2lb. \$1.00. 20 60

Amaranthus

Trade pkt. Oz.

Molten Fire. Summer Poinsettia. Very ornamental and easily grown from seed. Leaves dark bronze, center poinsettia-red. We offer seed from selected plants only. \$0 40 \$1 50
Tricolor splendens. Joseph's Coat. Various colors. 15 50
Mixed. 15 25

Anagallis

Grandiflora. Deep rich blue. 9 in. 15 50

Anchusa

Blue Bird. A new variety with bright indigo-blue blooms. Dwarf. 15 50
Capensis. Blue. 15 40

Arctotis • Lilac African Daisy

Grandis. Large, daisy-like flowers, pure white on the upper surface, reverse side of petals lilac. Good florists' cut-flower. 3 ft. 15 50

Asparagus

Plumosus nanus

This has been one of our specialties for many years. Our seeds are of high germination and will produce extra-fine stock.

Greenhouse-grown Seeds.

100 seeds.....	\$0 40	5,000 seeds.....	\$11 00
1,000 seeds.....	2 50	10,000 seeds.....	20 00

Lathhouse-grown Seeds.

100 seeds.....	\$0 25	5,000 seeds.....	\$4 00
1,000 seeds.....	1 00	10,000 seeds.....	7 50

Asparagus Sprengeri

100 seeds.....	\$0 25	5,000 seeds.....	\$4 00
1,000 seeds.....	1 00	10,000 seeds.....	7 50

Larger quantities of Asparagus seed quoted on application.



Ageratum, Michell's Blue Boy

Michell's "Distinctive" Antirrhinums

Rustproof Antirrhinum · Snapdragon

We are glad to announce that, after years of intensive work in an attempt to produce a strain of rustproof Antirrhinums, success has finally been achieved. This strain has proved noteworthy under extensively wet outdoor conditions; they have stood the tests and are better than 75 per cent rustproof. For growing outdoors for cutting or bedding, they will prove excellent. Each plant produces from 15 to 18 spikes, which are nonlateral, with flower-heads 10 to 14 inches long. They are of vigorous growth, with broad, dark green foliage and are practically immune from rust.

New Rustproof Varieties

MICHELL'S EXCLUSIVE GOLDEN JUBILEE INTRODUCTION. QUAKER MAID. 1940.

For description see Novelties, page 3. Trade pkt. 50c.; \$1.25 per $\frac{1}{8}$ oz.

MICHELL'S NEW IMPROVED RUSTPROOF, CHEVIOT MAID SUPREME. We are proud of this splendid Snapdragon, which we believe to be the first rustproof in the forcing types. The color is a rich coral-rose and the non-shattering, large florets are closely set on heavy spikes with good, wiry stems. This variety will prove equally good for outdoor cut-flowers as well as greenhouse forcing. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; 3 trade pkts. \$2.50; $\frac{1}{16}$ oz. \$3.00.

ROSALIE, MAJUS GRANDIFLORA RUSTPROOF. For description see Novelties, page 3.

Trade pkt. 50c.; \$1.00 per $\frac{1}{8}$ oz.

SUPER MAJESTIC

This group is superb for cutting or for bedding, and we believe it will also prove to be excellent for greenhouse culture.

	Trade pkt.	Oz.
Dainty. Delightful soft pink	\$0 50	\$3 50
Crimson Shades. Garnet and ruby shades	50	3 50
Orange Shades. Orange and gold shades	50	3 50
Rose Sensation. The richest and finest rose-pink	50	3 50
Rose Shades. Shades of rose-pink	50	3 50
Superb Super Majestic Mixture.	50	3 00

MAXIMUM RUSTPROOF ANTIRRHINUMS

	Trade	Oz.
Campfire. A new color in Antirrhinums, being a pure luminous scarlet, free from orange or bluish tinges	\$0 40	\$2 50
Canary Bird. Brilliant canary-yellow, with the flowers very closely spaced on the stem	40	2 50
Copper Shades. This variety is outstanding in the Maximum group, due to the considerable number of orange and copper shades	40	2 50
Crimson. Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Foliage and stem dark plum-color. Strong grower, with huge individual flowers and flower-spikes	40	2 50
Daffodil. Two-tone daffodil-yellow	40	2 50
Indian Summer. Coppery orange and scarlet	40	2 50
Loveliness. This should become a great favorite as it is a most attractive pure soft rose-pink	40	2 50
Paradise Rose. Novelty. Beautiful soft rose-pink. Long, compact spikes, fine for cutting	40	2 50
Shasta. Pure white, and the same type flower and habit as Ceylon Court. Very early and exceedingly free flowering	40	2 50
Swingtime. Novelty. A lovely new color combination—soft rose-pink with white tube. One of the loveliest varieties we have ever seen	40	2 50
Yellow Giant. Novelty. A striking deep yellow of a very bright shade and a good florists' cut-flower proposition. The stems are wiry, the individual flowers large and closely set in huge trusses of bloom	40	2 50
University of California Mixture. A splendid combination of colors	30	1 50

Nanum Grandiflorum, Semi-Dwarf

Trade pkt. Oz.

Antique Gold. New color in this group—shades of old-gold, copper, and orange blended in a delightful combination	\$0 30	\$1 25
Bumblebee. A novel combination of colors. The flower is crimson with white tube and large yellow lip	30	1 25
Carmine-Rose. Bright carmine-rose and yellow	30	1 25
Red Boy. Rich dark scarlet	30	1 25
Wildfire. Orange-scarlet, yellow lip	30	1 25
Yellow Gem. Clear golden yellow	30	1 25
Mixed. A superior mixture	25	1 00

Antirrhinum, Rock-Garden Hybrids

***Choice Mixed.** The plants are of small, compact growth, bloom very early, and are especially adapted for growing in rock-gardens. Choice mixed colors

50 2 50

Half trade packets can be supplied only where listed



Antirrhinum (Snapdragon),
Super Majestic

Antirrhinum, Giant Tall Varieties

These are Not Rustproof

	Trade pkt.	Oz.
Brilliant Rose.	\$0 20	\$0 75
Crimson King. Dazzling crimson	20	75
Golden King. Golden yellow	20	75
Harmony. Orange, shaded rose	25	1 00
Othello. Rich dark maroon	20	75
Pink Venus. Flesh-pink, white tube	20	75
Queen Victoria. Pure white	20	75
Finest Mixed.	20	60

Other varieties on opposite page



Antirrhinum, Semi-Dwarf Varieties

These are Non-Rustproof

These grow about 1½ feet high and are largely used for bedding.	Trade pkt.	Oz.
Amber Queen. Canary-yellow, overlaid chamois-pink... \$0 25	\$1 00	
Firebrand. Deep red..... 25	1 00	
Gloria. Rich deep rose..... 25	1 00	
Golden Queen. Bright golden yellow..... 25	1 00	
Nelrose. Pure rose-pink..... 25	1 00	
Purity. Pure white..... 25	1 00	
Mixed. 20	65	

Antirrhinum, Tom Thumb

Mixed Colors. These grow about 1 foot high..... 20	75	
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SPECIAL FORCING VARIETIES

MICHELL'S NAOMI. This new Snapdragon is a brilliant rose-pink with a light touch of yellow on the upper lip. Its exquisite coloring is even more vivid under artificial lighting. Immense flower-heads, 18 to 24 inches long, carry 75 and over, closely set, large, wide-open florets which measure over 2 inches, making the spike truly a giant. Its stems are heavy and as strong as wire. The keeping qualities are excellent, the spikes lasting in good condition for over a week. We are proud to offer this splendid Snapdragon to our customers with the assurance that it will prove a real money-maker.

Trade pkt. (1200 seeds), \$2.00 each net; 3 trade pkts. \$6.00

	1/2 trade pkt.	Trade pkt.	3 trade pkts.
Afterglow. Golden bronze..... \$0 60	\$1 00	\$2 50	
*Bertha Baur. (Schumann.) Lavender or orchid; fine large spikes..... 1 50	4 00		
*Bezdek's New White Wonder. A new, early-flowering, pure snow-white Snapdragon of outstanding merit. Free flowering, with close-set flower-heads on strong, long stems..... 1 50	4 00		
*Bronze Queen. Light bronze..... 1 50	4 00		
*Captor. (Breitmeyer.) Pure white; long spikes..... 1 50	4 00		
*Celestial. (Witterstaetter.) Early. Deep yellow..... 1 00	2 50		
Ceylon Court. Canary-yellow..... 60	1 00	2 50	
Ceylon Court. Dark selection..... 60	1 00	2 50	
Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stem.... 60	1 00	2 50	
*Cincinnati. (Witterstaetter.) Large, fragrant, light rose-pink blooms..... 60	1 00	2 50	
Coate's Yellow Perfection. Medium early. Fine deep yellow..... 60	1 00	2 50	
*Gilbert's Pink Queen Supreme. A beautiful clear pink, several shades deeper than Cheviot Maid Supreme..... 2 00	5 00		
*Glorious. (Frank.) Brilliant bronzy scarlet..... 2 00	5 00		
Helen. Lovely salmon color..... 60	1 00	2 50	
Lucky Strike. The best large-flowering white to date, producing stems 3 to 4 feet long, with large, open flowers that do not drop or shatter.... 60	1 00	2 50	
*Marie Louise. (Roasch.) Beautiful seashell-pink..... 2 00	5 00		
*Marion White. (Schumann.) A real white.... 1 50	4 00		
*Miss Wooster. Light bronze..... 1 00	2 50		
*New Dawn. (Thompson.) Golden orange..... 1 00	2 50		
*Peggy Schumann. An improved Sonny. Clear bright pink, compact flower-heads..... 2 00	5 00		
Philadelphia Pink. Pure pink.... 1/4oz. \$1.00..	50		
*Radiance. (Thompson.) Fine, large-flowering rose-pink.... 60	1 00	2 50	
Rose Queen. Dark pink..... 60	1 00	2 50	
*Schrock's Orchid. (Schrock.) A beautiful orchid shade..... 2 00	5 00		
*Sunlite (Improved New Deal). Golden bronze.. 1 00	2 50		
*Sunset. (Breitmeyer.) Beautiful golden bronze.. 1 50	4 00		
*Terry's Surprise. (Improved.) Rich rose, shaded bronze..... 1 50	4 00		
*Velvet Beauty. American-Beauty red..... 1 00	2 50		
*Westover Fringed White. Popular New York market white..... 2 50	6 50		
*White Prosperity. A long-stemmed, clear white. 1 50	4 00		
White Rock. Extra early. Pure white..... 50			
*Yellow Cheviot Maid. (Volz.) Finest clear yellow.... 1/8oz. \$1.00..	1 00	2 50	
Michell's Special Forcing Mixed. A choice blending of special forcing varieties..... 50			

Half trade packets can be supplied only where listed

Varieties marked * are in original grower's packet only



Michell's Superb Asters

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. **Michell's "Distinctive" Quality** is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence. Our seed is selected from plants which are free from disease.

SPECIAL NOTE.—In growing Asters, old soil and flats should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer. We recommend the use of finely ground bonemeal. Asters should not be grown in the same location two years in succession.

Fusarium-Wilt Resistant Strains

These we believe to be practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

NOVELTY VARIETIES

Trade pkt. Oz.

EARLY GIANT, ROSE MARIE. For description see Novelties, page 3.....	\$0 50	\$3 50
CREGO, ENCHANTRESS. Novelty. An entirely new shade in Asters—a lovely salmon-rose—one of the brightest colors yet developed. The flowers are exceptionally large, of good substance, and the plants branching and free-flowering, blooming in early September....	40	2 00
EARLY GIANT, LIGHT BLUE. All-America Winner of Silver Medal. Flowers similar to Giants of California—very large and full, with broad, graceful petals, daintily plumed and intertwined. Plants differ from the Giants of California as they are only 1½ to 2 feet high, with branches coming from low on the central spike. Early blooming, coming into flower the first week in September.	40	2 00
EARLY GIANT, PEACH BLOSSOM. Very attractive, large, full-petaled flowers of a delightful shade of light pink turning to lavender-pink when fully matured....	40	2 00
GIANT COMET, ILLUSION. Novelty. Another new color in the wilt-resistant Asters. Illusion is a soft pastel shade of apricot-pink, especially fine for cutting and most effective when used in combination with some blue flower. Plants are of upright growth, about 2 feet tall, and free-flowering. Will bloom the latter part of Aug.	40	2 00
GOLDEN SHEAF. The deepest yellow Aster yet introduced. Fully double, with an attractive crest-like center, of good substance; long-stemmed and excellent shippers....	40	1 75
GIANT COMET, SALMON QUEEN. Clear, pure salmon, blending to a rich golden salmon at center. The large, well-formed flowers are of the feathery Comet type on long-stemmed, early-flowering, upright plants.....	40	1 75
GIANT COMET, BLUE FLAME. Bright navy-blue flowers, distinct from any other blue Aster now offered, fully double, with long stems. Fine for cutting.....	40	1 75

MICHELL'S SUPERB ASTERS, continued

Fusarium-Wilt Resistant Strains

AMERICAN BEAUTY

Similar in type of flower and growth to the Late Branching Aster. Plants grow about 2 to 3 feet high and commence to bloom in September, continuing until frost. Large, double flowers on long, heavy stems.

	Trade pkt. Oz.	Trade pkt. Oz.
Azure Fairy	\$0 40	\$1 75
Carmine-Rose	40	1 75
Crimson	40	1 75
Purple	40	1 75

BALL ASTERS

Ball Phlox Pink.	Light rose-pink; early flowering.....	40 1 75
Ball White.	Early.....	40 1 75
Ball White.	Late.....	40 1 75

EARLY ROYAL BRANCHING

	Trade pkt. Oz.	Trade pkt. Oz.
Azure-Blue	\$0 40	\$1 75
Lavender	40	1 75
Peach Blossom	40	1 75
Purple	40	1 75

HEART OF FRANCE

Ruby-Red	40 1 75
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MICHELL'S IMPROVED SEMPLE'S or AMERICAN BRANCHING

The finest late-blooming Aster; large double flowers on long, strong stems; the attractive form of flowers makes it one of the most valuable varieties for cutting. Our Improved Strain has been secured after many years of careful selection.

	Trade pkt. Oz.	Trade pkt. Oz.
Azure-Blue	\$0 40	\$1 75
Crimson	40	1 75
Deep Rose	40	1 75
Lavender	40	1 75
Peerless Pink	40	1 75



Aster, American Beauty

IMPROVED CREGO ASTERS

Flowers gigantic in size, often 5 inches across, and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

	Trade pkt. Oz.	Trade pkt. Oz.
Crimson	\$0 40	\$1 75
Deep Rose	40	1 75
Lavender	40	1 75
Shell-Pink	40	1 75

IMPROVED QUEEN OF THE MARKET

This well-known, early-flowering variety is of branching habit, bearing large flowers on long stems. It commences to bloom in July.

	Trade pkt. Oz.	Trade pkt. Oz.
Crimson	\$0 40	\$1 75
Dark Blue (Purple)	40	1 75
Light Blue (Lavender)	40	1 75
Rose-Pink	40	1 75

Regular Strains.

NEW SUPER GIANTS

A marvelous California Giant late type. Flowers are not only very large but most artistic, due to the unusual curling and interlacing of the petals. No disbudding is necessary, due to the non-lateral habit.

	Trade pkt. Oz.
Giant El Monte	Brilliant crimson.....
Giant Los Angeles	Pure shell-pink.....

CALIFORNIA GIANT

A fine variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut-flowers and are very attractive when arranged in floral work.

	Trade pkt. Oz.	Trade pkt. Oz.
Dark Purple	\$0 40	\$2 25
Deep Rose	40	2 25
Light Blue	40	2 25

IMBRICATED POMPON

An early-flowering, upright-growing type with plants 12 to 14 inches high that bear numerous small, round, cushion-centered flowers. Excellent for pots and cutting.

	Trade pkt. Oz.	Trade pkt. Oz.
Crimson	\$0 40	\$2 25
Light Blue	40	2 25
Rose	40	2 25

NEW GIANT PEONY-FLOWERED

This is an exceptionally fine strain. The flowers are of immense size, very double, and borne on long, stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other Aster.

	Trade pkt. Oz.
Azure Fairy	Clear azure-blue.....
Maiden's Blush	Delicate flesh-color.....
Purple Robe	Clear purple.....
Rosebud	Deep rose.....
Swansdown	Pure white.....
Mixed	.....

CALIFORNIA MARKET, TALL GIANT SINGLE-FLOWERED

This tall single giant type is a fine florists' cut-flower variety and is used quite extensively in the cut-flower market in southern California.

	Trade pkt. Oz.
Appleblossom	Flesh-pink.....
Glare of the Garden	Scarlet.....
Lavender	.....
Rose	.....
Violet	.....
White	.....
Mixed	.....

SINGLE GIANT CALIFORNIA SUNSHINE

This supremely beautiful new race of Asters is the result of a direct cross between California Giant and the Dwarf Sunshine type. The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description; the quilled discs are lighter than the guard petals and as the flowers age the lemon centers turn to the color of the outer petals. We highly recommend this lovely Aster.

	Trade pkt. Oz.	Trade pkt. Oz.
Lavender	\$0 40	\$3 00
Light Blue	40	3 00
Rose	40	3 00
Shell-Pink	40	3 00

Balloon-Vine • Cardiospermum Oz. $\frac{1}{4}$ lb.

Halicacabum. A very pretty climber..... \$0 15 \$0 50

Balsam • Lady Slipper

A new type growing 6 to 8 inches tall, very compact, and literally covered with double flowers.

Trade pkt. Oz. $\frac{1}{4}$ lb.

DOUBLE BUSH-FLOWERED

Torch. New. A brilliant vermillion-red. Very showy..... \$0 40 \$3 50
Choice Mixed..... 30 2 50
Camellia-flowered, Choice Mixed..... 15 40 \$1 50

Balsam-Apple • Momordica

Trade pkt. Oz.

Balsamina. Orange fruit..... \$0 15 \$0 30

Begonia semperflorens

As bedding plants there is nothing more satisfactory; also fine as pot-plants. Seeds sown in January make excellent flowering plants in May.

DARLING. The plants are of ball shape and dwarf habit, growing approximately 8 inches high. Flowers are large and of a very brilliant carmine-rose. This variety is most effective for beds and borders and is also well adapted for growing in pots. Originator's Stock. $\frac{1}{2}$ trade pkt. 75c.; \$1.25 per trade pkt.

Trade pkt. $\frac{1}{2}$ oz.

Albert Martin. Bright carmine..... \$0 50 \$1 00

Christmas Cheer. An excellent variety for growing in pots. Bright crimson-scarlet. Fine for Christmas forcing. 1 00 2 25

Erfordia. Pink..... 50 1 00

Glow. Dark red flowers. Foliage light bronze. Very free blooming and of extremely compact growth. Originator's Stock..... 1 00 2 50

Gustav Knaake. Large-flowering pink, with salmon shadings. Fine for pot-culture..... 50 1 50

Salmon Queen. Salmon-red..... 50 1 50

Vernon. Deep red..... $\frac{1}{16}$ oz. 75c..... 40

Choice Mixed...... $\frac{1}{16}$ oz. 75c..... 40

Begonia gracilis

This type produces very compact little plants that are literally covered with flowers. An easy seller.

Trade pkt. $\frac{1}{2}$ oz.

Alba. Pure white..... \$0 25 \$0 50

Carmen. Bright pink flowers. Bronze foliage. $\frac{1}{16}$ oz. \$2.00..... 1 00

Dwarf Luminosa. Extra dwarf. Scarlet flowers. Bronze foliage..... $\frac{1}{16}$ oz. \$2.00..... 1 00

Indian Maid. A fine variety with bright, deep scarlet flowers and dark bronze foliage—an attractive combination. $\frac{1}{16}$ oz. \$2.00..... 1 00

Luminosa. Fiery dark scarlet..... 1 00 1 75

Prima Donna. Rose, shading to carmine..... 1 00 1 75

Pink Pearl. Of dwarf, compact habit, 6 to 8 inches high, this new Begonia is one of the very best for pot-culture. The plants form perfect balls and the flowers are borne well above the fresh green foliage. Original trade pkts. 1 00

Red Pearl. Same as above in growth, height, and blooming habit. Brilliant dark scarlet. Original trade pkts. 1 00

Rosea. Pink..... 25 50

White Pearl. Rich, fine white flowers..... 75 2 00

Begonias, Tuberous-rooted

These are easily raised from seed, produce enormous flowers, and are excellent for bedding, window-boxes, or pot-culture.

Trade pkt.

Single, Mixed...... $\frac{1}{2}$ oz. \$3.00..... \$1 00

Double, Mixed...... $\frac{1}{4}$ oz. \$5.00..... 1 00

Brachycome • Swan River Daisy

Trade

Choice Mixed. A free-flowering, dwarf-growing annual, pkt. Oz.

1 foot tall. Covered during the greater part of the summer with a profusion of dainty flowers which resemble small cinerarias..... \$0 15 \$0 60

Browallia

Elatia. Blue. 1 $\frac{1}{2}$ ft..... 20 75

Speciosa (major). Most desirable variety as a pot- or basket-plant. Rich blue flowers..... $\frac{1}{16}$ oz. \$1.00..... 50

Viscosa Compacta, Sapphire. Dark blue, white eye....

$\frac{1}{16}$ oz. \$1.00..... 50

Cacalia • Tassel-Flower

Coccinea. 2 ft. Annual of easy culture, growing well in a hot, dry location, producing from June until September showy little flower-heads of a bright orange color..... 15 60

Cactus Seed

Choice mixture of many varieties..... 50

Calceolaria

A most decorative pot-plant which finds ready sale if well grown. The strains we offer cannot be excelled.

NEW CALCEOLARIA, MICHELL'S RAMONA

This is a *Hybrida grandiflora nana* type which we are introducing, and we are convinced that it will become very popular with the florists. It is an exceptionally free-flowering variety of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of colors in bronze, yellow, and red. An excellent pot-plant for Easter sales. $\frac{1}{2}$ trade pkt. 85c.; \$1.50 per trade pkt.; $\frac{1}{6}$ oz. \$5.00. $\frac{1}{2}$ trade Trade $\frac{1}{6}$ oz.

Albert Kent Hybrids. An excellent English variety for either greenhouse culture or outdoors.

Flowers medium in size and produced in large, graceful clusters in an excellent mixture..... \$0 60 \$1 00 \$2 25

Feltham Glory. An attractive variety of fairly dwarf, compact habit with flowers in a splendid color-range from bright scarlet to pure yellow, in self and spotted forms..... 1 00

Golden Tiger. A new *Multiflora nana* type. Bright golden yellow flowers, spotted brownish red. Blooms in masses that cover the plant, making it a splendid pot-plant for florists' use. 1 00 3 50

Hybrida grandiflora. A choice, large-flowering, tall-growing mixture..... 60 1 00 2 00

Hybrida grandiflora compacta. An attractive tigered and spotted mixture. Dwarf growing. 60 1 00 2 00

Hybrida multiflora nana. A fine free-flowering type, with average-size blooms about 1 $\frac{1}{2}$ inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft. 60 1 00 4 25

Kelway's Perfect Model. (Originator's Stock.) A very beautiful variety of the large-flowering type, containing a fine range of shades and markings, self-spotted, brownish and prettily striped. 1 00 2 50

Calliopsis, Annual Varieties

GOLDEN CREST. All-America. This is an excellent improved large-flowering annual *Calliopsis*. The color is a rich orange-yellow or gold, with brown center. Many of the flowers have a double row of petals. Very free flowering, with stems 12 inches long. Excellent for cutting, and fragrant. Trade pkt. 25c.; 75c. per oz.

Tinctoria splendens. Golden yellow, brown center; pkt. Oz. extra-large flowers..... \$0 15 \$0 30

Dwarf Mixed...... 15 30

Tall Mixed...... 15 30



Calliopsis, Golden Crest



Calendula, Michell's Sunbeams

Calendula · Pot Marigold

Raised extensively for bedding; also for cutting.

Trade pkt. Oz. $\frac{1}{4}$ lb.

MICHELL'S SUNBEAMS. An exclusive Michell's Novelty. This is a very choice florists' cut-flower—an exquisite blending of many delightful shades and color combinations, ranging from pale cream to deep orange. The flowers are of various types and forms, with extra-long stems which make them excellent for cutting.	$\frac{1}{4}$ oz. 60c. \$0 40	\$2 00	\$6 50
Ball Apricot. Straw-color, with brown center.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Ball Gold. An extra long-stemmed, deep golden yellow.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Ball Long Orange. Long-stemmed; orange with light center.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Ball Orange. Large, double, glowing orange flowers on long stems.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Ball Supreme. Cadmium-orange, dark brown center.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Ball White. Lightest color of all Calendulas, being soft creamy yellow.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center.	$\frac{1}{4}$ oz. 60c. 40	2 00	6 50
Chrysanthia, Sunshine. Clear buttercup-yellow, long, loosely arranged petals, which give the flower the appearance of a chrysanthemum. Fine cutting variety.	20 60	1 75	
Orange Shaggy. This variety is a distinct break in Calendulas. Petals long and deeply fringed or laciniated, deep orange, shading to slightly lighter orange.	20 60	1 75	
Micell's Special Forcing, Orange. An extra-fine strain. Large, orange-yellow flowers.	30 1 00	3 00	
Lemon King.	$\frac{1}{2}$ lb. \$1.00. 15	25	60
Orange King.	$\frac{1}{2}$ lb. \$1.00. 15	25	60
Mixed.	$\frac{1}{2}$ lb. \$1.00. 20	60	

Campanula · Bellflower

ANNUAL SINGLE (CANTERBURY BELLS)

Annual Canterbury Bells which bloom from seed in less than six months. The plants grow from 2 to 2½ feet high and each plant produces from 6 to 8 spikes of bloom.

Trade pkt. Oz.

Blue Bell. Another new color in a beautiful Cambridge blue shade. The large flowers are borne on long, strong spikes.	$\frac{1}{4}$ oz. \$0 25	\$1 00
Mission Bell. This variety is a beautiful clear pink in color. Fine large spikes of blooms that are most attractive.	25	1 00
Wedding Bells. Pure white blooms in fine large spikes.	25	1 00
Choice Mixture. Blue, pink and white shades.	20	75

Canary-Bird Vine · Tropaeolum

Canariense. Flowers bright canary-yellow. A fine climber. Oz. $\frac{1}{4}$ lb. for shade. \$0 25 \$0 75

Cardinal Climber

Trade pkt. Oz.

Quamoclit Sloteri. Rapid-growing annual climber, bearing a profusion of cardinal-red flowers. In order to have good germination, a small notch should be filed or cut in each seed. \$0 20 \$0 75

Carnation, Annual Varieties

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

Giant Enfant de Nice. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter. This strain is magnificent.

Trade pkt. $\frac{1}{8}$ oz.

Red. Blood-red.	\$0 50	\$1 50
Rose. Deep rose.	50	1 50
Salmon. Light.	50	1 50
White.	50	1 50
Mixed.	50	1 50

Rasse Teicher. A new annual European variety, producing extraordinarily large blooms in a fine range of colors. Excellent for cutting. Choice mixture. Trade pkt. 75c.; $\frac{1}{6}$ oz. \$1.50.

Trade pkt. Oz.

Chabaud's Everblooming.	Trade pkt. Oz.	
Jeanne Dionis. White.	\$0 40	\$2 00
Marie Chabaud. Yellow.	40	2 00
Sparkler. Cardinal-red.	40	2 00
The Pearl. Rose-pink.	40	2 00
Choice Mixed.	30	1 25
Marguerite, Choice Mixed.	25	1 25

Candytuft · Iberis

Excellent edging plants and also valuable for cutting.

MICHELL'S GIANT WHITE. This giant variety, which produces immense pure white spikes of bloom, is a very much superior strain. Individual bracts are large and the plants of strong, robust habit. The best strain for forcing under glass for cutting and for pot-culture. Trade pkt. 20c.; 75c. per oz.; $\frac{1}{4}$ lb. \$2.25; \$4.00 per $\frac{1}{2}$ lb.; 1lb. \$7.50.

Trade pkt. Oz. $\frac{1}{4}$ lb. Lb.

Carmine.	\$0 15	\$0 40	\$1 10	\$3 60
Crimson.	15	40	1 10	3 60
Empress (Hyacinth-flowered).	Large white.	$\frac{1}{2}$ lb. \$1.75..	15	30 1 00 3 25
Lavender.		15	40 1 10 3 60	
Pink. Flesh-color.		15	40 1 10 3 60	
Purple.		15	40 1 10 3 60	
Rose-Cardinal. Brilliant rosy red.		20	50 1 50 4 50	
Mixed. All colors.		15	25 75 2 25	

***Miniature Gem.** A dainty miniature variety, 3½ inches in height, each plant producing from 4 to 6 spikes of pure white flowers. Perfect "miniature gem" for the rock-garden.

20 75

Celosia

CRISTATA OR COCKSCOMB

These are in demand for beds and borders, also for pots.

Trade pkt. Oz.

Royal Velvet. All-America Winner. Large center heads of rich ruby-red of velvety texture, surrounded by numerous erect branches, mounted with medium-sized combs. Foliage bronzy green with reddish margin. For full description see Novelties, page 3.

$\frac{1}{8}$ oz. \$1.00. \$0 50

Giant Empress. Dwarf. Bright crimson. Dark foliage.

30 \$1 50

Choice Mixed. Dwarf sorts.

25 1 00

PLUMOSA OR FEATHERED

A fine decorative plant for the garden; also excellent for cutting.

Trade pkt. Oz.

Pyramidalis, Improved Flame of Fire. This new type is, without doubt, the finest in the Pyramidalis group. Plants perfectly pyramidal in shape, 1½ feet high. Flowers brilliant crimson.

\$0 40 \$3 00

Heatherdell. Large trusses of beautifully feathered and interlaced plumes in a fine range of red, pink and yellow shades, mixed. Especially adapted for pot-culture.

$\frac{1}{4}$ oz. \$1.00.. 50 50

Golden Plume. Deep golden yellow.

15 50

Lilliput, Fire Feather. An extra-select dwarf strain; color brilliant orange-red.

$\frac{1}{4}$ oz. \$1.00.. 40

Lilliput, Golden Feather. Same type as above, with bright golden yellow flowers.

$\frac{1}{4}$ oz. \$1.00.. 40

Pride of Castle Gould, Mixed.

40 2 50

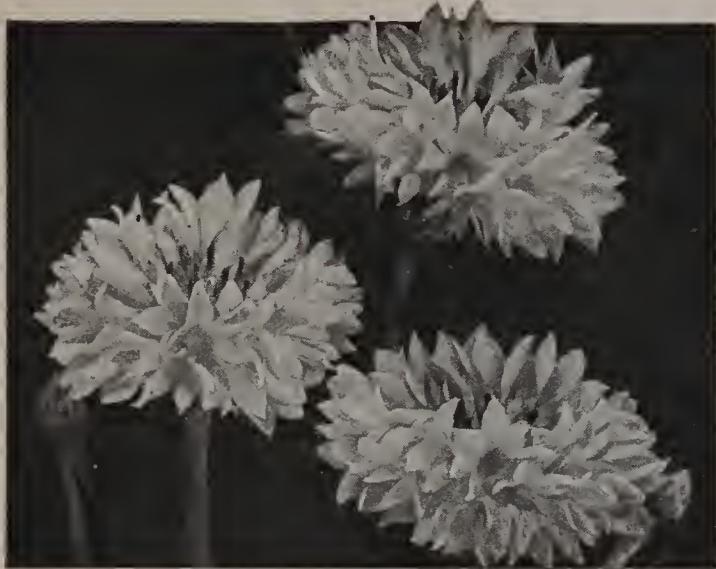
Scarlet.

15 60

Choice Mixed.

15 50

Double Cornflowers are favorite flowers everywhere



Centaurea cyanus. Special Florists' Strain

Centaurea Cyanus • Cornflower

Free-flowering annuals that are very popular for cutting.

SPECIAL FLORISTS' SUPER GIANT STRAIN. We offer the following improved Giant Cornflowers, the blooms of which are fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.

	Trade pkt.	Oz.	1/4lb.	Lb.
Blue Boy. Deep cornflower-blue.....	\$0 15	\$0 40	\$1 40	\$4 75
Pinkie. Clear deep pink.....	15.	40	1 40	4 75
Red Boy. The best deep red.....	15.	40	1 40	4 75
Snow Man. Pure white.....	15	40	1 40	4 75
Choice Mixture	15	40	1 40	4 75
Jubilee Gem. Novelty. This new dwarf type is very free flowering, making it fine for pots or borders. 1 ft.....	30	1 50	1 00	3 50
Double Blue. Fine for forcing.....	15	30	1 00	3 50
Double Rose-Pink.	15	30	1 00	3 50
Double Rosy Red.	15	30	1 00	3 50
Double White	15	30	1 00	3 50
Double Mixed	15	25	75	2 50

Imperialis • Giant Cornflower; Sweet Sultan

Large, sweet-scented flowers, fine for cutting.

	Trade pkt.	Oz.	1/4lb.
LAVENDER BEAUTY. For description see			
Novelties, page 3.....	\$0 40	\$2 00	
Brilliant Pink.	15	50	
Deep Rose	15	50	
Lavender	15	50	
Lilac	15	50	
Purple	15	50	
Yellow (C. suaveolens)	15	50	
White	15	50	
Choice Mixed	15	50	\$1 50

White-leaved • Dusty Miller

Excellent for borders, vases, baskets, etc.

	Trade pkt.	Oz.
Candidissima. Broad cut, silvery gray foliage.....	\$0 30	\$1 50
Gymnocarpa. Fine cut, silvery foliage.....	15	50

OTHER VARIETIES

Americana. Handsome large flowers. Lilac-purple.....	1/4lb.	\$1.50	15	50
Americana alba. Pure white.....	1/4lb.	\$1.50	15	50

Cheiranthus

*Allioni. Siberian Wallflower. A biennial but best treated as an annual. Spikes of brilliant orange flowers. Very effective in the rockery.....	15	40
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Chinese Woolflower • Celosia Childsi

	Trade pkt.	Oz.
Crimson	\$0 25	\$1 25
Pink	25	1 25

Annual Chrysanthemum

The following single sorts are of very easy culture and fine for cutting.

	Trade pkt.	Oz.
Burridgeanum. White, zoned scarlet and yellow.....	\$0 15	\$0 30
Purpureum. Deep purple, yellow zone.....	15	30
Eastern Star. Primrose, brown eye.....	15	30
Evening Star. Rich golden yellow.....	15	30
Morning Star. Canary-yellow.....	15	30
Northern Star. Giant white, yellow eye.....	15	30
Single Mixed	15	25
Double Mixed	15	25

Michell's Cinerarias

CREMER'S PRIZE STRAIN. Wilt-resistant

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Original trade pkt. \$1.50; \$2.25 per $\frac{1}{64}$ oz.; $\frac{1}{32}$ oz. \$4.00; \$8.00 per $\frac{1}{16}$ oz.

WEISSENSEER (White Sea). A Multiflora Variety

A new Cineraria with flowers almost twice as large as the regular Multiflora nana strain. It comes in a fine range of blue, rose and red shades, with each individual flower having a decided white-zoned center. The plant is small-leaved and of dwarf habit. A distinct variety and a most attractive pot-plant. Originator's Stock seed only. $\frac{1}{2}$ trade pkt. 75c.; \$1.25 per trade pkt.; $\frac{1}{32}$ oz. \$4.00.

MULTIFLORA NANA

Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in $\frac{1}{2}$ trade great profusion and in a range of fine colors.

Trade pkt. $\frac{1}{32}$ oz. \$2.50.. \$0 60 \$1 00

MULTIFLORA GRANDIFLORA MAXIMA

This new Hybrid is a cross between Multiflora nana and Grandiflora. Individual florets measure 2 to 3 inches in diameter and are produced in quantities of 100 blooms and over to the plant. We offer it in mixed colors only. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{32}$ oz. \$4.00.

HOWARD & SMITH'S STRAIN

A fine strain of large-flowering, Hybrida grandiflora, large-leaved type, grown by a California specialist. Trade pkt. \$1.00; \$3.00 per $\frac{1}{32}$ oz.

GRANDIFLORA PRIZE STRAIN

Produces immense trusses of large flowers often measuring 4 inches across. Makes exceedingly decorative pot-plants. $\frac{1}{2}$ trade pkt. $\frac{1}{32}$ oz.

Dwarf, Mixed..... \$0 60 \$1 00 \$2 50

Medium Tall, Mixed..... 60 1 00 2 50

Stellata hybrida, Mixed. Tall; star flowers..... 50 1 00

Cineraria maritima candidissima • Dusty Miller

White-leaved foliage plant much in demand for bedding, vases, baskets, etc. Trade pkt. 15c.; 40c. per oz.



Cineraria, Cremer's Prize Strain

Have you tried the Early-flowering Cosmos?



Cosmos, Double Early Sensation

Cosmos

NEW DOUBLE EARLY SENSATION

Mixed. The flowers are equally as large as the regular single Sensation. Two types, fluted and crested. The crested type has a large, 2-inch, crested center and the fluted are so double they resemble a camellia. Available this season in a mixture of White, Pink, and Crimson. Trade pkt. 50c.; \$1.00 per $\frac{1}{8}$ oz.

SENSATION • NOVELTY

A new early, giant-flowering single variety. Blooms large—4 to 6 inches across. Height 6 feet.

Trade pkt. Oz.

Cardinal. Novelty. New crimson color \$0 40 \$1 50
Pinkie. Light pink 30 1 00
Purity. Pure white 30 1 00
Mixed. 25 75

SINGLE ORANGE FLARE (BODGER) • NOVELTY

This single strain comes into full bloom in less than four months from sowing. Vivid orange blooms with attractive light green foliage. Trade pkt. 20c.; 75c. per oz.

EARLY-FLOWERING SINGLE VARIETIES

Begins blooming as early as July and continues until frost. The new double-flowering strains are very popular with the florists for cutting.

Extra-Early Express Pink. An early, dwarf variety, 2 to 3 feet high, that blooms in 45 to 50 days after sowing the seed. Plants are covered with medium-sized, bright pink flowers.

Extra-Early Express, Mixed. 15	50
Large Early-flowering, Crimson. 15	40
Large Early-flowering, Pink. 15	40
Large Early-flowering, White. 15	40
Large Early-flowering, Mixed. 15	30

EARLY-FLOWERING DOUBLE VARIETIES

Crimson 40	2 00
Pink 40	2 00
White 40	2 00
Mixed. 30	1 50

LATE-FLOWERING DOUBLE VARIETY

Double Crested Mixed 30	1 00
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LATE-FLOWERING SINGLE VARIETIES

Giant-flowering, Crimson 15	25
Giant-flowering, Pink (Lady Lenox) 15	25
Giant-flowering, White (White Lady) 15	25
Giant-flowering, Mixed 15	25
Klondyke. Yellow 20	75

Clarkia elegans

A popular annual of easy growth, much used for cutting, both indoors and out.

Trade pkt. Oz.

Double Purple Prince. Rich purple \$0 20	\$0 60
Double Salmon Queen. Brilliant salmon 20	60
Double Scarlet Queen. Fiery scarlet 20	60
Double Vesuvius. Orange-scarlet 20	60
Double White 20	60
Double Mixed 15	50
Single Mixed 15	40

Cleome • Giant Spider Flower

Pungens. Rose-colored flowers 15	40
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Cobaea scandens • Cup-and-Saucer Vine

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

Trade pkt. Oz.

Purple $\frac{1}{4}$ lb. \$1.25.	\$0 15	\$0 50
White 30	1 50	

Coleus

Large-leaved Varieties

Rainbow Mixture. An excellent mixture 75	6 00
Choice Mixed. 50	4 50

Convolvulus • Morning-Glory

Major or Tall Varieties

Clarke's New Improved Early Blue. Trade pkt. Oz. \$0 25	\$0 75	$\frac{1}{4}$ lb. \$2 50	Lb.
Japanese Imperial, Mixed. 15	50	\$1 50	
Japanese Imperial Fringed, Mixed. 20	60	2 00	

Cuphea • Cigar Plant

Trade pkt. $\frac{1}{8}$ oz.

Firefly. New. This newcomer has all the characteristics needed in a dwarf, compact plant, most suitable for pot-plants, rockeries, window-boxes, borders, or bedding. The plants reach a height of 10 inches and are completely covered with brilliant scarlet flowers. It is a tender annual, flowering from seed in 12 to 14 weeks, and will bloom profusely throughout the season. \$0 50 \$1 25
Platycentra. Scarlet 50 1 25

Giant Show Cyclamen

Our seed is purchased from the most celebrated and widely known Cyclamen seed grower in Germany. This strain is known the world over as the outstanding giant-flowering variety. It is a winner in all the large European and American flower shows, and we feel sure that a trial will convince you of its excellence. The seed-bearing plants are of the very highest type, of robust habit, with large blooms and with well-marked foliage. This stock is offered in original packets.

BINNEWIES STRAIN

Note.—Smallest quantities available are 100 seeds in original packets. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

100 seeds 1000 seeds

No. 1. Dark Blood-Red \$1 25	\$1 10
No. 2. Bright Red 1 25	1 10
No. 3. Pure Rose 1 25	1 00
No. 4. Rose of Marienthal. Bright pink 1 25	1 00
No. 5. White with Carmine Eye 1 25	1 00
No. 6. Pure White 1 25	1 00
No. 7. Bonfire. Brilliant scarlet 1 85	1 50
No. 8. America. Salmon-scarlet 2 20	1 75
No. 9. Improved Salmon-Rose 1 65	1 45
No. 10. Glory of Wandsbek (Perle of Zehlendorf). Salmon-red 1 65	1 30
No. 11. Rose of Zehlendorf. Salmon-pink 1 65	1 30
No. 12. Orange Beauty. Orange-vermillion 2 00	1 85
No. 18. Mozart. Deep pink 2 00	1 85
No. 19. Lavender. Bright lavender 1 25	1 00
No. 21. Pink Pearl. Novelty. Salmon-pink 2 00	1 85
Mixed Colors 1 25	1 10
Rokoko Mixed. Large flowers, beautifully fringed 1 75	1 60

Cyclamen continued on next page

Try some of the Novelties this year. They're different



Cyclamen

VOGT'S NEW DOUBLE-FLOWERING CYCLAMEN

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant. Original packets only.

Admiration.	A beautiful salmon-rose with shaded eye; very bright.....	\$2 50	\$20 00
Cerise Brilliant.	Large flowers of a rich cerise-red.....	2 50	20 00
Prosperity.	Flaming rose with distinct silvery edging. A heavy and full bloom.....	2 50	20 00
Rosea.	Soft rose with coral cast, shading light at tips of petals. A very pleasing shade.....	2 50	20 00
Mixed Colors.	.....	2 50	20 00

Larger quantities of Cyclamen seed quoted on application

Cynoglossum

Trade pkt. Oz.			
FIRMAMENT.	All-America Winner. A new, dwarf, compact type 15 inches tall. Color deep ultramarine blue. Excellent as a cut-flower.....	\$0 40	\$3 00
Amabile.	Chinese Forget-me-not. An excellent annual, producing rich forget-me-not-blue flowers. 2 ft.....	15	30
Amabile, Pink.	Same as above. Flowers are rich deep pink.....	15	50

Cyperus

Alternifolius.	Umbrella Plant.....	25	1 00
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Cypress Vine • Ipomoea Quamoclit

Mixed.	15	25
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Dahlia

Easily grown from seed and very popular for cutting.			
Unwin's Dwarf Hybrids, Mixed. Novelty. Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of charming colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart.....	50	2 50	
Double California Giants, Mixed. A selection from named varieties grown by a celebrated producer in California.....	75	5 00	
Double Cactus, Mixed. All colors.....	50	3 00	
Double Large-flowering, Mixed. Show type.....	50	3 00	
Coltness Scarlet Gem. Dwarf bedding type. Single, bright scarlet flowers.....	50	3 00	
Coltness Hybrids, Mixed. Dwarf single type. Very free flowering. Choice mixture. 2 ft.....	40	2 00	
Single Giant Perfection, Mixed.	20	75	

Delphinium

Trade pkt. Oz.

Blue Butterfly. An annual variety with deep blue flowers. \$0 20 \$0 75

Dianthus • Pinks

Sweet Wivelsfield. A new annual hybrid variety. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Trade pkt. 20c.; 75c. per oz.

DOUBLE ANNUAL VARIETIES Trade pkt. Oz.

*Chinensis, Tom Thumb, Brilliant. Double scarlet flowers. Very beautiful little edging or border plant which should be better known. A perfect gem for the rock-garden.....	\$0 40	\$2 00
Chinensis, Mixed. China or India Pink.....	1/4lb. \$1.40.	15 40
Fringed, Mixed. Large flowers.....		15 50
Japan Pink, Mixed. Choice colors.....		15 50

SINGLE ANNUAL VARIETY

Japan Pink, Mixed.	15	50
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Didiscus

Cærulea. Blue Lace Flower. Easily grown annual with lavender-blue, lace-like flowers; excellent for cutting. 3 ft.....

20 80

Dimorphotheca

Aurantiaca. African Orange Daisy. Golden orange flowers, fine for cutting. Well adapted for forcing. 1 ft..

20 75

Aurantiaca hybrida. Various colors. 1 ft.....

20 75

Dolichos • Hyacinth Bean

Oz. 1/4lb.

Choice Mixed.	\$0 10	\$0 30
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Dracaena

Useful as center plants for vases, baskets, etc. Seeds are sent out in the hull or berry and should be rubbed out before sowing.

Trade pkt. Oz.

Australis. Broad leaves.....

1/4lb. \$2.50. \$0 20 \$0 75

Indivisa. Narrow green leaves. The popular center plant for vases.....

1/4lb. \$1.25. 15 40

DUSTY MILLER. See Centaurea and Cineraria maritima.

Echinocystis • Wild Cucumber Vine

Trade pkt. Oz.

Lobata.	1/4lb. 60c...	\$0 20
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Echium

Blue Bedder. Annual. Deep bright blue bell flowers, very compact. Plants thrive well in poor soil. 1 to 1½ ft.

\$0 15 80

Eschscholtzia • California Poppy

Californica. Yellow.....	15	25
Carmine King. Deep carmine.....	20	60
Golden West. Large; golden yellow.....	15	25
Mandarin. Inside petals orange, outside petals scarlet ..	20	60
Vesuvius. Wallflower or coppery red.....	15	40
White.	15	25
Choice Mixed.	15	25

Euphorbia

Heterophylla. Mexican Fire-Plant.....

15 50

Variegata. Snow-on-the-Mountain.....

15 35

Exacum

Affine. Fragrant, light blue flowers. Plants very dwarf; excellent for pots and baskets.....

1 00

Gaillardia

ANNUAL VARIETIES

Useful for cutting or for the mixed border. Trade pkt. Oz. 1/4lb.

Indian Chief. Single; brilliant bronzy red.....

\$0 15 \$0 50 \$1 75

Single Annual, Mixed (*G. pulchella picta*). 2 ft....

15 40 1 40

Double Annual, Mixed (*G. pulchella picta Lorenziana*). 2 ft....

15 40 1 40

Fragrant Annuals may be selected to perfume the garden at night



Gypsophila elegans alba grandiflora, Covent Garden Market

Geranium

Apple-scented	100 seeds	40c.	\$3.00 per 1000 seeds	Trade	Oz.
Pelargonium	Lady Washington Geranium			pkt.	
Zonale, Mixed	Single	100 seeds	\$2.50		

Gerbera • Transvaal Daisy

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot-plants or for cutting.

Jamesoni hybrida. These hybrids include many brilliant colors and shades. 100 seeds 40c.; \$3.00 per 1000 seeds.

Gilia

		Trade	pkt.	Oz.
Capitata.	Pale lavender-blue annual. Excellent for cutting. 2 ft.	\$0 15	\$0 30	

Gloxinia

Hybrida grandiflora. French Hybrids. Our seed is saved from selected plants of a collection grown by a celebrated German specialist. $\frac{1}{2}$ trade pkt. 60c. 1 00

Godetia • Satin Flower

Carminea.	Beautiful and easily grown annual. Dwarf, double, azalea-flowered variety with bright carmine blooms. Specially recommended for pot-culture and can really be called a miniature azalea.	25	75	
Choice Mixed.	Tall; double	15	50	

Gomphrena • Globe Amaranth

Also called "Bachelor's Buttons." A useful Everlasting for bedding, also for cutting.

		Trade	pkt.	Oz.
Globosa.	Tall. Purple-red. Fine for cutting	\$0 15	\$0 30	
Golden Yellow.		15	40	
Nana compacta.	Dwarf. Red	15	30	
Mixed.	All colors	15	30	

Gourds, Ornamental

Green Snake.	A new strain of the Luffa or Dishcloth. Fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis	20	75	
Large Sorts, Mixed		15	25	
Small Sorts, Mixed		15	25	

Grasses, Ornamental (ANNUAL)

Useful either for growing in clumps, mixed borders, or in shrubberies.	Trade	pkt.	Oz.
Pennisetum longistylum	\$0 20	\$0 75	
Pennisetum Ruppelianum. Purple Fountain Grass	20	75	

Grevillea • Silk Oak

Trade pkt. Oz.

Robusta. A fine foliage plant. Makes an ideal base for made-up holiday baskets. Easily raised from seed. \$0 25 \$1 00

Gypsophila • Baby's Breath

ELEGANS ALBA GRANDIFLORA. A fine, easily grown annual, flowering to a marketable condition in six weeks. Excellent for cutting.

Covent Garden Market (London Market). Oz. $\frac{1}{4}$ lb. Lb.
(Improved Strain.) Very large flowering, with 6 to 8 petals; pure white. We consider this the best variety on the market.

5 lbs. \$6.50. \$0 20 \$0 50 \$1 60
Paris Market Strain. A popular standard sort. Very early. 5 lbs. \$5.00. 15 40 1 25

Elegans carminea. Bright carmine-rose. 25 75 2 50
Elegans rosea. Delicate pink. 25 75 2 50

Helichrysum bracteatum monstrosum • Strawflower

One of the best Everlastings. Large, double flowers, valuable for cutting or decoration, either when fresh or in their dried state.

Trade pkt. Oz.

Rose Queen. Gigantic flowers of a rich, deep rose-color. \$0 20 \$0 60

Buttercup. Canary-yellow. 20 60

Fireball. Crimson. 20 60

Golden Ball. Golden yellow. 20 60

Rose-Carmine. 20 60

Salmon-Pink. 20 60

Silver Ball. White. 20 60

Violet. 20 60

Choice Mixed. 15 50

Heliotrope

Highly prized on account of the delightful fragrance of the flowers. Excellent for pots or bedding.

Trade pkt. Oz.

King of the Blacks. \$0 40 \$1 50

Lemoine's Giant Hybrids. Very large flowers. 30 1 25

Regal. Dwarf. Large flowering. 40 1 50

Choice Mixed. 25 1 25

Heteropappus • Blue Daisy

Hispidus. New. A fine annual of compact growth, with daisy-like flowers 1 to $1\frac{1}{2}$ inches across, in shades of lavender and azure-blue, with yellow centers. Very free flowering, making this variety desirable for cutting. Trade pkt. 50c.; \$1.00 per $\frac{1}{4}$ oz.



Hunnemannia fumariifolia

Hunnemannia

Yellow Tulip Poppy

Sunlite. New. Semi-double, bright canary-yellow flowers. Gray-green foliage. Trade pkt. 20c.; \$1.00 per oz.

Fumariifolia. Produces flowers from July till frost. Good for cutting. 1 ft. Trade pkt. 15c.; 50c. per oz.

Impatiens • Sultan's Balsam

Trade

pkt. Oz.

Holsti. Vermilion-red. \$0 50

Holsti, New Hybrids. Various colors. 50

Sultani. Bright rose. 50

Sultani Hybrids. Various colors. 50

Please read instructions for ordering Flower Seeds on page 7 of this Catalog

The new Heavenly Blue Morning-Glory blooms all summer and fall



Ipomoea, Heavenly Blue Morning-Glory

Ipomoea

	Trade	Oz.	
Morning-Glory, Scarlett O'Hara. Gold Medal, All-America. A new early-flowering variety with blooms 3 to 4 inches across and of a vivid scarlet color. Will begin to bloom in about 65 days from seed.	\$0 50	\$3 00	
Heavenly Blue Morning-Glory, Clark's New Early Improved	1/4lb.	\$2.50	25 75
Noctiflora. Moonflower. Large; white.	1/4lb.	\$1.00; \$3.00 per lb.	15 30
Setosa. Brazilian Morning-Glory. Pink.	1/4lb.	\$1.00	15 30

Kalanchoe

Blossfeldiana (globulifera coccinea). A succulent pot-plant that is of very easy cultivation. The flowers are similar to bouvardia in form, and in color they are a very bright scarlet.	Trade pkt. 75c.; \$2.00 for 3 pkts.
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Kochia • Summer Cypress

	Trade	Oz.
Childsi. An improved strain.	\$0 15	\$0 25

Lantana

Hybrida, Choice Mixed. Sow seed early, and with bottom heat.	20	60
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Larkspur

A very popular annual for cutting, either outdoors or in the greenhouse. Seed sown in warm weather will germinate very slowly.	Trade pkt. Oz.
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GIANT IMPERIAL, PINK PERFECTION. For description see Novelties, page 4	Trade pkt. Oz.
	\$0 40 \$2 00

COCKADE VARIETIES

A new improved strain of base-branching Giant Imperial type. Symmetrical plants with longer flowering spikes.	Trade		
	pkt.	Oz.	1/4lb.
Blue Cockade. A rich lilac-blue	\$0 30	\$1 00	\$3 00
Rose Cockade. Salmon-rose	30	1 00	3 00
Sapphire Cockade. Deep lilac	30	1 00	3 00
White Cockade. Pure white	30	1 00	3 00
Mixed	30	1 00	3 00

GIANT IMPERIAL VARIETIES

This new group of Larkspurs is identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.	Trade		
	pkt.	Oz.	1/4lb.

Blue Bell. Clear light blue	\$0 25	\$1 00	\$3 00
Blue Spire. An intense deep Oxford-blue	25	1 00	3 00
Carmine King. Rich carmine	25	1 00	3 00
Daintiness. Delicate pale lavender	25	1 00	3 00
Exquisite Pink, Improved. An excellent improvement over the old type. Beautiful salmon-pink. Comes practically 100 per cent true	25	1 00	3 00
Exquisite Rose. A beautiful rose-pink	25	1 00	3 00
Gloria. Fine deep rose	25	1 00	3 00
Lilac Queen. Rich lilac, shading lavender-blue	25	1 00	3 00

GIANT IMPERIAL LARKSPURS, continued

	Trade	pkt.	Oz.	1/4lb.	
Lilac Spire. Bright lilac			\$0 25	\$1 00	\$3 00
Los Angeles. A fine variety. Rich salmon, overlaid with brilliant rose			25	1 00	3 00
Miss California. Pale shaded salmon			25	1 00	3 00
Sweet Lavender. Light lavender-blue			25	1 00	3 00
White King. All-America Winner. Giant, pure white flowers on long spikes			25	1 00	3 00
White Spire. Pure white			25	1 00	3 00
Mixed.			20	75	2 50

TALL BRANCHING STOCK-FLOWERED LARKSPUR

	Trade	pkt.	Oz.	1/4lb.	Lb.
Dark Blue.	\$0 15		\$0 50	\$1 50	\$5 00
Exquisite. Soft pink		15	50	1 50	5 00
Lilac.		15	50	1 50	5 00
Lustrous Carmine (Newport Pink).		15	50	1 50	5 00
Shell-Pink.		15	50	1 50	5 00
Sky-Blue.		15	50	1 50	5 00
White.		15	50	1 50	5 00
Mixed.		15	40	1 25	4 00

TALL BRANCHING SINGLE

	Trade	pkt.	Oz.	
Mixed.	\$0 15		\$0 35	



Giant Imperial Larkspur, White King

Please read instructions for ordering Flower Seeds on page 7 of this Catalog

The new Sunset Giant Marigolds have a perfume instead of an odor



Marigold, Chrysanthemum-flowered Hybrids

Leptosyne

An excellent, quick-growing annual for cutting. Trade pkt. Oz.
Maritima. Lemon-yellow Marguerite-like flowers. 2 ft. \$0 20 \$0 75

Linaria

Maroccana Hybrids, Mixed. Toadflax. Very showy annual. 1 ft. 15 40

Linum • Flax

Rubrum. Scarlet Flax. Annual. Large flowers. 1½ ft... 15 25

Lupinus (Annual)

Very attractive and popular as a cut-flower.

New Hartwegi (King) Novelty (Waller-Franklin)

A new and improved strain, 3 to 4 feet high, with base-branching habit. Each plant produces from 4 to 6 spikes of bloom which are much larger than the old type. Trade pkt. Oz.

King Blue. Enormous spikes of rich Oxford-blue color. \$0 15 \$0 50

King Sky-Blue. Clear light blue. 15 50

King White. Glistening pure white; giant spikes. 15 50

Choice Mixture. 15 50

STANDARD ANNUAL VARIETIES

	Trade pkt.	Oz.	1/4lb.	Lb.
Pink	\$0 15	\$0 25	\$0 75	\$2 75
Rich Blue	15	25	75	2 75
Sky-Blue	15	25	75	2 75
White	15	25	75	2 75
Mixed	15	25	65	2 40

Lobelia

One of the best plants for edging beds, or for pots, baskets, and vases. Seed should be sown early. Trade pkt. Oz.

Sutton's Cambridge Blue. Large, bold flowers of a light blue shade. Dwarf, compact growth. Green foliage. Highly recommended..... \$0 50 \$3 00

Michell's Blue Stone. Dwarf, compact growth. Bright blue flowers. Unsurpassed for borders or boxes..... 50 2 50

Mrs. Clibran. Dwarf. Deep blue flowers with white eyes. Excellent for borders..... 50 2 50

Crystal Palace Compacta. The leading dwarf variety. Dark blue flowers and dark foliage..... 40 2 00

Crystal Palace Speciosa. The best trailing sort for baskets and vases. Deep blue blooms..... 25 1 00

Sapphire. Deep blue, white eye. Trailing..... 40 2 00

White Lady. Pure white, dwarf, compact type..... 50 2 50

Choice Mixed..... 25 1 00

Marigold

Free-flowering Annuals for Bedding and Cutting

Michell's Exclusive Introduction for 1940

EARLY DWARF CHRYSANTHEMUM-FLOWERED, GOLDEN JUBILEE. For description see Novelties, page 4. Trade pkt. 50c.; \$3.00 per oz.

EXTRA-EARLY DWARF HYBRIDS, CARNATION-FLOWERED. For description see Novelties, page 4. Trade pkt. 40c.; \$2.00 per oz.

New Chrysanthemum-flowered SUNRISE

An early-blooming form of Dixie Sunshine. The flowers are large and ball-shaped, composed of dozens of tiny petals gracefully interlocked, and daintily fringed in effect. Color a brilliant golden yellow, and most important is the fact that Sunrise comes 100 per cent true, fully double, and blooming commences about August 15. The plants are tall, bushy, heavily covered with flowers and remain in bloom throughout the season. Trade pkt. 40c.; \$2.00 per oz.

New Giant Chrysanthemum-flowered Hybrids

Novelty. These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms from 2 to 4 inches in diameter. Some have petals which are quilled and incurved; the colors range in all shades of orange and yellow. The 3-foot plants support masses of flowers on fine stems for cutting. Trade pkt. 30c.; \$2.00 per oz.

Giant-flowered Varieties

GIGANTEA • ORANGE SUNSET

All-America Winner. An outstanding variety and one of the foremost Marigolds of the year. Flowers average 5 inches or more in diameter, and are unquestionably the largest Marigolds to date. The color is a deep, rich, lively orange. The flowers are very full, centered with broad, heavy, wavy petals which gracefully overlap to make the flower ideal not only for garden decoration but for cut-flower use as well. Trade pkt. 50c.; \$2.50 per oz.

SUNSET GIANTS

A new departure with the largest flowers ever known in the Marigold group, averaging 5 to 7 inches across. Exceptionally free flowering and lacking the usual Marigold odor. Plants grow 3½ to 4 feet high. The flowers are loosely formed, with broad, heavy petals, and come in a mixture ranging from deep orange through to light lemon-yellow. This strain comes 50 per cent double. Trade pkt. 40c.; \$2.00 per oz.

MARIGOLD, COLLARETTE

Trade pkt. Oz.

Crown of Gold. New. Orange flowers having crested center with broad guard petals. Odorless foliage \$0 25 \$1 00

MARIGOLD, TOM THUMB

Golden Crown. An excellent new dwarf type growing 12 to 15 inches high. The plants are compact and completely covered with well-rounded yellow blooms similar to the popular Guinea Gold. Excellent for border or bedding..... 40 2 00

DWARF AFRICAN MARIGOLDS

Little Giants, Mixed. A new variety that produces large, 5-inch, African-type flowers. Plants are compact and literally covered with blossoms. Foliage is a deep bluish green. Height of plant ranges between 15 and 20 inches. Ideal for bedding or pot-plants..... 40 2 00

Marigolds continued on next page

Beautiful flowers on perfect plants: Dwarf Double French Marigolds

TALL AFRICAN MARIGOLDS

	Oz.	\$1.25
Golden Emblem. Rich lemon-gold flowers from 4 to 5 inches in diameter. The shade is between Lemon Queen pkt. and Orange Prince. Double and fine for cutting.	\$0 30	\$1.25
Yellow Supreme. Broad, loosely frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. The plant is very symmetrical. A splendid florists' cutting variety. 2 ft.	30	1 25
Guinea Gold. A distinct type, producing no singles whatsoever, the flowers coming 100 per cent double and semi-double. Clear orange, flushed with gold.	30	1 25
Alldouble Lemon. Originator's Stock. A fine clear yellow variety which will produce all double flowers.	30	1 25
Alldouble Orange. Originator's Stock. Produces a large percentage of double flowers of a bright orange shade.	30	1 25
Lemon Queen. Lemon-yellow; double.	15	50
Orange Prince. Rich orange-yellow; double.	15	50
Tall Double, Mixed.	15	50

DWARF SINGLE FRENCH VARIETIES

	Oz.	\$1.25
Fire Cross. A dwarf, single, deep orange-yellow variety, having each petal marked with a crimson-maroon blotch.	15	40
Legion of Honor (Little Brownie). Single, golden yellow bloom with crimson spot.	15	40
Signata pumila (<i>Tagetes signata pumila</i>). Golden yellow. This type is fine for edging. 10 in.	15	60
Signata pumila, Gnome. This is a fine selection. The plants, which grow 4 to 6 inches high and spread from 10 to 12 inches, are completely covered with dainty golden orange flowers. Fine for pots and edging.	20	1 00

Dwarf Double French Marigolds

	Oz.	\$1.25
HARMONY TYPE, SPOTLIGHT. For description see Novelties, page 4.	60	1/4oz. \$1.25..
HARMONY HYBRIDS. For description see Novelties, page 4.	50	1/4oz. \$1.25..
SCABIOUS-FLOWERED, ORBIT. For description see Novelties, page 4.	50	3 00
Scabious-flowered, Coronet. All-America Winner. A new strain of the ever-popular Harmony Marigold, the flowers of which have a deep golden yellow center with brown guard, coming absolutely true from seed. Splendid for borders or cut-flowers.	40	2 50
Scabious-flowered, Golden Harmony. New. A solid bright golden yellow with the same color guard petals. Plants are very compact and free flowering.	40	2 50
Harmony. A fine French variety of scabiosa-flowered type. Flowers very double, deep orange, with maroon collar. Free flowering and excellent for borders. This is one of the best of the newer sorts.	25	1 00
Alldouble Royal Scot. All-America Winner. An excellent strain of dwarf, bushy growth, every plant of uniform shape and height, 10 to 12 inches tall. Color rich mahogany and gold, in uniform stripes.	40	2 00
Monarch. Flowers exceedingly double, in a wide range of colors, which includes combinations of orange, bronze, yellow, and mahogany.	20	75
Robert Beist. Large; dark maroon.	15	50
Golden Ball. Large; golden yellow.	15	50
Gold Striped. Double; extra fine.	15	50
Lemon Ball. Pale sulphur-yellow.	15	50
Mahogany. Rich mahogany-brown.	15	50
Dwarf Double, Mixed.	15	40
Tall Double, Mixed.	15	50
*Lilliput, Mixed. Very dwarf. Excellent for pots. 8 in..	20	60

Tall Single French Varieties

	Oz.	\$1.25
Ferdinand. For description see Novelties, page 4.	60	1/4oz. \$1.25..

	Oz.	\$1.25
Josephine. Dark brown with gold edges.	15	50

Forcing Varieties

	Oz.	\$1.25
WINTER HARMONY. For description see Novelties, page 4.	50	3 00
Lieb's Winter-flowering. Mahogany-brown, golden yellow crested center.	50	75
Australian Tall Tree. Golden yellow and brown. Fine for winter forcing. 4 1/2 ft.	25	50

Matricaria • Feverfew

	Oz.	\$1.25
Ball Strain. A fine pure white which has long stems. This variety comes 80 to 85 per cent true, full doubles. Fine for greenhouse use, as well as outdoors.	50	1/2 trade pkt. 30c.; \$1.75 per 1/4oz..

	Oz.	\$1.25
Double White. Fine for cut-flowers. 1 1/2 ft.	15	50

Mesembryanthemum

	Oz.	\$1.25
Criniflorum. Livingstone Daisy. Of slightly spreading habit and literally covered with small flowers in a range of delightful shades.	40	40

	Oz.	\$1.25
Crystallinum. Ice-Plant. White flowers.	15	40

Matthiola

	Trade pkt.	Oz.
Bicornis. Evening Scented Stock. Purplish lilac.	\$0 15	\$0 30

Mignonette

Valuable for cutting on account of its fragrance.

Ball Forcing Strain. Colossal spikes. The best variety for forcing.	1/4oz. \$1.75..	1 00	6 00
Allen's Defiance. Large spikes.	1/4lb. \$1.25..	15	40
Goliath. Giant spikes of red flowers. Extra fine.		20	75
Machet. A selected strain.	1/4lb. \$1.50..	15	50
New York Market. A selected florists' strain.		25	1 00
Sweet-scented. Large flowering.	1/4lb. 35c..		15

Mimulus

*Tigrinus. Monkey-Flower. Mixed colors.	30	2 00
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Mirabilis Jalapa • Marvel of Peru; Four o'Clock

Mixed Colors.	1/4lb. 40c..	15
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Nasturtiums

Double Varieties

This type is of semi-trailing habit and is a new development in Nasturtiums. Plants form a vigorous bush which throws out short runners averaging 1 1/2 feet long. Flowers large, double, sweet scented, and stand well above the foliage, making them excellent for cutting; also well adapted for pot-culture.

Dwarf, Golden Globe. New. Identical in color to the Oz. 1/4lb. popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented.	Lb. \$1.50..	\$0 15	\$0 50
Dwarf, Scarlet Globe. New.	Lb. \$2.00..	20	60
Dwarf Gem Mixture. Free-flowering, semi-double, sweet-scented flowers in an excellent color-range of light- and dark-flowering plants.	Lb. \$1.50..	15	50
Scarlet Gleam. (Bodger.) Fiery scarlet, 3 inches across and uniformly double, with lush green foliage.	Lb. \$1.50..	15	50
Gleam Hybrids. (Bodger.) These are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.	Lb. \$1.00..	15	40
Golden Gleam. (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers, excellent for cutting and growing in pots in the greenhouse.	Lb. \$1.00..	15	40

Dwarf or Tom Thumb Varieties

	Oz.	1/4lb.	Lb.
Queen of Tom Thumbs, Mixed. Silver variegated foliage. Very showy.	\$0 15	\$0 50	\$1 50

Michell's Giant-flowering, Mixed.	15	40	1 25
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Climbing or Trailing Varieties

Michell's Giant-flowering, Mixed.	15	35	1 00
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Lobb's Choice Mixed.	10	30	1 00
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Nemesia

A fine bedding annual, with large flowers.

	Trade pkt.	Oz.
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Blue Gem. Bright blue. Plants of compact growth.	\$0 40	\$2 50
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Strumosa Suttoni. Colors vary from creamy white to deep orange and carmine.	30	1 50
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Nemophila

Insignis, Blue. A pretty annual growing about 8 inches high, with light blue flowers.	15	30
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Nicotiana • Ornamental Tobacco

Miniature White (<i>N. suaveolens</i>). Annual. A dwarf type growing 1 1/2 feet high, with miniature white, very fragrant flowers. Excellent for planting amongst shrubbery.	1/6oz. \$1.00..	50
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Affinis. Large, white, fragrant flowers. 2 1/2 ft.	15	40
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Affinis Hybrids, Mixed. 2 1/2 ft.	15	50
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Crimson Bedder. New. Rich deep crimson. Dwarf.	25	1 25
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Nierembergia

Hippomanica. Dwarf Cup-Flower. New. A lovely new annual, growing 5 to 6 inches tall, and completely covered with small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center. The plants are definitely dwarf and compact, with a spread of 8 to 10 inches, and commence to flower 15 weeks after seed is sown, continuing to bloom throughout the season. An excellent border plant for the rockery, window-boxes, or for pot-plants.	1/2oz. \$2.00..	50
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Nigella • Love-in-a-Mist

Miss Jekyll. Annual of compact growth with finely cut foliage and curious, beautiful clear blue flowers, fine for cutting. 1 1/2 ft.	15	25
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Here are the world's finest strains of Pansies

Giant Pansies

Pansies are among our specialties and the strains we are offering are the best that time and money can produce. The seed is grown for us by experts in Europe and America and the quality cannot be surpassed for size, beautiful markings, and brilliancy of colors.

The following list comprises the best of the new European creations and the popular American varieties. We feel sure that these will please the most discriminating gardener.

SUNSHINE ART SHADES

For description see Novelties, page 5.

1/2 trade pkt. 60c.; \$1.00 per trade pkt.; 1/8 oz. \$2.00.

AMERICA

A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades. For florists and market gardeners, this is undoubtedly the money-making Pansy.

Trade pkt. 50c.; 1/4 oz. \$2.25; \$8.00 per oz.

ENGELMANN'S SPECIAL MIXTURE

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Trade pkt. 75c.; \$2.25 per 1/4 oz.; oz. \$8.00

MICHELL'S NEW GIANT CLIMBING

This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Its plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades. This Pansy has very free-flowering qualities, making the strain ideal for winter blooming, when the flowers will command a high price.

Trade pkt. (200 seeds) \$1.50; \$4.00 for 3 trade pkts.

NEW GIANT PANSY, MICHELL'S SPRINGTIME

We are pleased to offer this fine new early-flowering Giant Pansy whose blooms measure 3 1/2 to 4 inches across, and come in a superior mixture of light colors so popular in the spring garden. The plants are of very dwarf habit. An excellent type for early sales in boxes or baskets.

Trade pkt. 50c.; \$1.00 per 1/8 oz.; 1/4 oz. \$1.75; \$6.50 per oz.



Please read instructions for ordering Flower Seeds on page 7 of this Catalog

DWARF SWISS GIANTS, CHOICE MIXED (ROGGLI)

For those who desire a dwarfer and more compact type than the original, we highly recommend this new strain. Very free flowering, and in a great variety of colors.

Trade pkt. 50c.; \$1.75 per 1/4 oz.; oz. \$6.00

MICHELL'S NEW SWISS GIANTS

We are proud to offer this excellent strain to our trade. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched. This variety is also excellent as a cut-flower.

Trade pkt. \$1.00; \$1.50 per 1/8 oz.; 1/4 oz. \$2.75; \$10.00 per oz.

MAPLE-LEAF GIANTS

A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types and for exhibition purposes and private trade, the florist should grow some of this strain.

Trade pkt. 50c.; \$2.25 per 1/4 oz.; oz. \$8.00

NEW BABY PANSY, MRS. A. H. SCOTT

Dainty Baby Pansy which does not grow more than 3 inches high. Flowers are similar in color to Lord Beaconsfield. Very free flowering and a fine suggestion for the rock-garden.

Trade pkt. 50c.; \$1.00 per 1/8 oz.

SWISS GIANTS (ROGGLI)

	Trade pkt.	1/4 oz.	Oz.	
Alpenglow. A fine range of cardinal-red shades with dark blotches.....	\$0 50	\$1 75	\$6 00	
Berna. Very rich, velvety purple-violet of extra quality.....	50	1 75	6 00	
Lake of Thun (Ullswater). Color marine-blue with deep blue blotches.....	50	1 75	6 00	
Luna. Soft sulphur-yellow with frilled edges.....	50	1 75	6 00	
Mont Blanc. Nearly pure white, with three large blue blotches. An excellent addition to the Roggli strain.....	50	1 75	6 00	
Pure White. Very free flowering. The best pure white Pansy.....	50	1 75	6 00	
Rhinegold. Deep golden yellow with black blotches on the three lower petals.....	50	1 75	6 00	
Roggli. Improved Swiss Giants. Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.....	1/8 oz. \$1.00; \$22.00 per 1/4 lb...	50	1 75	6 00

GIANT PRIZE OR BEDDING PANSIES

	Separate Colors	Trade pkt.	Oz.	1/4 lb.
Azure-Blue.	\$0 30	\$1 50	\$5 50	
Black-Blue.	30	1 50	5 50	
Emperor William. Blue.....	30	1 50	5 50	
King of the Blacks.	30	1 50	5 50	
Lord Beaconsfield. Purple-violet.....	30	1 50	5 50	
Peacock. Blue, claret, and white.....	30	1 50	5 50	
Snow Queen. Pure white.....	30	1 50	5 50	
White with Eye.	30	1 50	5 50	
Pure Yellow.	30	1 50	5 50	
Yellow with Eye.	30	1 50	5 50	
Mrs. P. S. du Pont. Golden apricot, flushed salmon.....	1/2 trade pkt. 30c...	50	7 00	

GIANT-FLOWERING MIXTURE

Michell's Giant Exhibition, Mixed. A giant strain of heavy texture and varied shades and colors.....	1/8 oz. \$1.00; \$1.75 per 1/4 oz...	50	6 50	24 00
Triumph of the Giants, Mixed. Many beautiful, rich and rare shades.....	1/4 oz. \$2.25...	1 00	8 00	30 00
Giant Trimardeau, Mixed.		25	1 25	4 00
Masterpiece. Frilled Pansy. Beautiful rich colors; petals curled or waved.....		50	3 00	10 00
Fine English Mixed. Large flowering.....		25	1 00	3 00

Michell's Giant Petunias

We are headquarters for this florists' popular pot-plant. The following list is selected from the finest strains of Petunias that are grown in Europe and California. We supply the most critical trade in every state in the Union with our selected strains.

Single Large-Flowered Plain-Edged

Superbissima Jumbo. (Michell.) Single-flowered, plain-edged variety with huge blooms 6 to 8 inches across, in a bright amaranth-red color. The plants are of dwarf habit and are very free flowering. Excellent for pots.....
 $\frac{1}{64}$ oz. \$3.00.. \$0 60 \$1 00

Dwarf Elk's Pride. (Michell.) A really dwarf type of this popular Petunia which entirely lacks the straggly habit of this strain. The plants are of upright habit, free flowering and the color the well-known royal purple.....
 $\frac{1}{64}$ oz. \$2.00.. 60 1 00

MICHELL'S NEW IMPROVED DWARF GIANT, COPPER-RED.

For description see Novelties, page 5.....
 $\frac{1}{64}$ oz. \$3.00.. 60 1 00

MICHELL'S NEW IMPROVED DWARF GIANT, PINK

GLORY. For description see Novelties, page 5.....
 $\frac{1}{64}$ oz. \$2.50.. 60 1 00

Pink Glory. Of compact growth, with flowers of a pure rose-pink.....
 $\frac{1}{32}$ oz. \$1.50.. 50

Purple Prince. A fine velvety purple, large-flowering variety.....
 $\frac{1}{32}$ oz. \$1.50.. 50

Snowstorm. A fine, large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and the best pure white bedding variety .. $\frac{1}{32}$ oz. \$2.50.. 60 1 00

Single-Flowered Grandiflora (1 1/2 Feet)

HYBRIDA, SINGLE, PINK GLEAM. Exclusive Michell 1940 Introduction. For description see Novelties, page 5...
 $\frac{1}{8}$ oz. \$1.00.. \$0 30 \$0 50

HYBRIDA, HOLLYWOOD STAR, MIXED. An Exclusive Michell 1940 Introduction. For description see Novelties, page 5...
 $\frac{1}{8}$ oz. \$1.00.. 30 50

Flaming Velvet. Novelty. Rich, brilliant, velvety blood-red. Medium-sized flowers. Excellent for bedding.....
 $\frac{1}{4}$ oz. \$1.25.. 30 50 \$4 00

General Dodds. Rich velvety blood-red. Fine bedding variety.....
 $\frac{1}{4}$ oz. \$1.25.. 30 1 50

Hollywood Star. All-America Winner of Silver Medal. This lovely new Petunia is a charming shade of rich rose with an amber throat. The flower is unique—it is in the form of a five-pointed star. This is a very fine garden variety as it is early and free blooming, and the strong, vigorous plants are so smothered with blooms that hardly any foliage shows.....
 $\frac{1}{4}$ oz. \$1.25.. 30 50 3 50

Howard's Star, Improved. Beautiful variety with crimson-maroon flowers, each having a distinct five-pointed white star.....
 $\frac{1}{4}$ oz. \$1.25.. 40 2 00

Topaz Rose. All-America Novelty. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Will not fade or burn under the hottest sun.....
 $\frac{1}{4}$ oz. \$1.00.. 50 3 50

Dwarf Single Small-Flowered Sorts (1 Foot)*

HYBRIDA NANA COMPACTA, GLOW. For description see Novelties, page 5.....
 $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz. \$4.50; \$8.00 per $\frac{1}{8}$ oz.. 75

MINIATURE RUFFLED, BETSY ROSS. For description see Novelties, page 5...
 $\frac{1}{32}$ oz. \$2.00.. 40 75

***Blue Ball, Hybrida nana.** New. We believe this to be the best dwarf violet Petunia ever placed on the market. Flowers are a deep velvety violet-blue. Early flowering habit. Dwarf, compact growers.....
 $\frac{1}{4}$ oz. \$1.25.. 50 3 50

Celestial Rose, Improved Strain. A big improvement over the regular type. This strain is very uniform, free flowering, and comes practically 100 per cent true.....
 $\frac{1}{4}$ oz. \$2.00.. 50 75 7 00

NANA COMPACTA, VIOLET-BLUE. For description see Novelties, page 5...
 $\frac{1}{8}$ oz. \$1.00.. 30 50

***Scarlet Flame, Hybrida nana compacta.** New. A splendid dwarf compact-growing type with large, brilliant scarlet-rose flowers. This type is excellent for borders and bedding...
 $\frac{1}{4}$ oz. \$1.25.. 50 3 50

Dwarf Single Small-Flowered Sorts, continued

Velvet Ball, Grandiflora nana compacta $\frac{1}{2}$ trade pkt. Trade pkt. Oz.

(Dwarf Flaming Velvet). All-America Winner. This new Grandiflora nana compacta type is the last word in excellence for compactness, dwarfness, and free-flowering character. The plants reach a height of about 8 inches with a spread of only 8 to 10 inches, and will have a dozen or more flowers in bloom at a time, each comparatively large, about $2\frac{1}{2}$ inches in diameter, well shaped, and of a deep velvety blood-red...
 $\frac{1}{32}$ oz. \$1.50.. \$0 60

***White Perfection, Hybrida nana compacta.** New. All-America Award. This is one of the best white Petunias in existence. The individual flowers measure about 2 inches across. Compact in growth with abundant snow-white flowers which completely cover the plants.
 $\frac{1}{4}$ oz. \$1.25.. 50 \$3 50

Bluebird. An excellent bedding variety. Medium-sized flowers of a deep blue color.....
 $\frac{1}{4}$ oz. \$0 30 50 2 50

Celestial Rose. Deep rose. Compact. Excellent for bedding.....
 $\frac{1}{4}$ oz. \$1.25.. 30 50 4 00

Cockatoo. Violet with white spots..
 $\frac{1}{4}$ oz. \$1.25.. 30 50

Dwarf Inimitable. Dwarf, compact habit. Flowers striped and blotched.....
 $\frac{1}{4}$ oz. \$1.25.. 30 1 50

Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn..
 $\frac{1}{4}$ oz. \$0 30 50 3 00

Martha Washington. A ruffled or frilled, dwarf, compact type. Plants literally smothered with blooms 3 inches in diameter. Color blush-white with center veined wine-red, deepening at base of throat.....
 $\frac{1}{16}$ oz. \$1.25.. 50

Dwarf Erect, Periwinkle Blue. A welcome addition to the dwarf single type. Flowers a delightful shade of pastel-blue. Resembles very much the perennial vinca.....
 $\frac{1}{4}$ oz. \$0 30 50 2 50

Rosy Morn. Dwarf, bushy plants, with brilliant rose-colored flowers having white throats. Popular bedding sort.....
 $\frac{1}{4}$ oz. \$0 30 50 2 50

Rosy Morn Improved. A decided improvement on this popular variety. Flowers brighter in color and considerably larger.....
 $\frac{1}{4}$ oz. \$0 40 75 3 50

Rose of Heaven. Brilliant rose. A very effective and popular color.....
 $\frac{1}{4}$ oz. \$0 40 2 00

Snowball. Dwarf. Pure white.....
 $\frac{1}{4}$ oz. \$0 30 1 50

Violet Gem. Erect, dwarf type.....
 $\frac{1}{4}$ oz. \$0 40 2 00

Choice Mixed.
 $\frac{1}{4}$ oz. \$0 25 1 00

Single Ruffled Giants (With veined throats)

Mammoth Single Petunia, Michell's Quaker Giants

Deep-throated, single flowers, well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture.
 $\frac{1}{2}$ trade pkt. 75c.; \$1.25 per trade pkt.; $\frac{1}{64}$ oz. \$2.00; \$3.50 per $\frac{1}{32}$ oz.

New Dwarf California Giants. Ramona Strain. A fine, new, dwarf, compact strain of the well-known California Giants. Excellent for pots.....
 $\frac{1}{64}$ oz. \$1.75; \$3.00 per $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz. \$5.00.. \$0 60 \$1 00

California Giants. Strong plants. Immense flowers of bright and desirable colors.....
 $\frac{1}{32}$ oz. \$1.50.. 30 50

Giants of California, Bodger's Supreme Florists' Strain. This new strain we believe to be the finest of the well-known Giants of California type. The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. The flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding and window-boxes.....
 $\frac{1}{64}$ oz. \$3.00.. 60 1 00

Diener's Ruffled Monsters, Mixed. A much-improved strain with extra-large flowers in a wide range of colors. Fine dwarf habit; especially suited for pots.....
 $\frac{1}{64}$ oz. \$1.75; \$3.50 per $\frac{1}{32}$ oz.. \$0 50 \$1 00

Large Single Fringed

Super Fluffy Ruffles. (Michell.) A splendid new strain with beautifully ruffled and fringed flowers; at first glance the flowers appear fully double. The color is a lovely blending of rose and salmon shades. Exceptionally free flowering; fine for bedding and growing in pots.....

$\frac{1}{64}$ oz. \$2.50.. \$0 60 \$1 00

Modern Petunias are bedding plants supreme



Michell's Petunia, Alldouble

Large Single Fringed Petunias, continued

	1/2 trade pkt.	Trade pkt.
Dainty Lady. A remarkable new Petunia. Plants are neat, compact, semi-dwarf and free flowering. Blooms are of medium size, delicately fringed, and light golden yellow in color.....	\$0 60	\$1 00
Lace Veil. Dwarf. Fringed; pure white.....	50	
Michell's Giant Fringed, Mixed. Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors.....	60	1 00
$\frac{1}{64}$ oz. \$1.50; \$2.50 per $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz. \$4.00.....		
Setting Sun. An especially fine dwarf variety of compact habit, a foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed.....	50	
$\frac{1}{32}$ oz. \$2.50.....		
Theodosia. A large-flowered, fringed variety; rosy pink with a clear golden center.....	50	
$\frac{1}{32}$ oz. \$2.50.....		
Violet King. Beautiful velvety violet-blue, immense, fringed flowers.....	60	1 00
$\frac{1}{64}$ oz. \$2.50.....		

Balcony Varieties

	Trade pkt.	Oz.
Blue. Rich indigo-blue.....	\$40	\$3 00
Cornflower-Blue. Bright blue.....	40	
Crimson. Velvety crimson.....	40	3 00
Netted Blue Gem. A new color in the Balcony type—steel-blue, beautifully netted or veined.....	50	
Rose. Brilliant rose-pink.....	40	3 00
White. Pure white.....	40	3 00
Mixed Colors.	40	3 00

Nana Compacta or Miniature Petunias

	Trade pkt.	1/4oz.
Adora. Rosy carmine, white star.....	\$0 50	\$1 25
Little Blue Star. Blue, white star.....	50	1 25
Rose Gem. Rich deep rose.....	50	1 25
Senator Improved. Violet self, white throat.....	50	1 25
Snow Bedder. Pure white.....	50	1 25
Mixed Colors.	50	1 25

Portland Varieties

A new strain, grown for us by a specialist. For planting of veranda boxes and for choice potted plants or for bedding out, these never fail to appeal to the most critical buyers.

Trade pkt. $\frac{1}{32}$ oz.

Elk's Pride. Large; deep royal purple.....	\$0 50	\$1 25
Pink Triumph. Clear, bright pink, delicately fringed.....	50	1 50
Pride of Portland. Large, deep rose-pink, fringed flowers.....	50	1 50
Scarlet Beauty. Flowers fringed, shading from cherry-red to deep maroon.....	50	1 50
White Beauty. White flowers with finely fringed edges.....	50	1 50
Mixed Colors.	50	1 50

LARGE DOUBLE-FLOWERING PETUNIAS

The latest development in Double Petunias is the new Alldouble strain which produces 100 per cent double flowers. We offer the following selected varieties in this strain and feel quite certain that they will prove a sensation with the florist trade, especially for pot-plants for Mother's and Decoration Day.

ALLDDOUBLE APPLE BLOSSOM. Honorable Mention, All-America Selections. A beautiful apple-blossom-pink. Plants dwarf, 12 to 15 inches high, covered with large, double fringed flowers. A small percentage will be of the carnation type. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

ALLDDOUBLE ORCHID BEAUTY. All-America Novelty. A decidedly new shade in the Alldouble Petunias. The habit of growth is dwarf and compact and flowers large and fully double. The color is a beautiful shade of orchid, which should prove very popular as it blends beautifully with the pink colors in this group. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

ALLDDOUBLE GAIETY. Special Mention, All-America Selections. Rose-red and white, beautifully frilled. A popular color combination. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

ALLDDOUBLE, AMARANTH-RED. Bright amaranth-red, a new color in this popular strain. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

ALLDDOUBLE, CARMINE QUEEN (World Beauty). An exceptionally fine dwarf type. Beautiful rosy carmine flowers which are very double. Other characteristics same as Victorious. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00; \$6.50 per $\frac{1}{64}$ oz.; $\frac{1}{32}$ oz. \$12.50.

ALLDDOUBLE, LOVELINESS. Extra dwarf. Identical in habit to the popular Carmine Queen, with the exception of the color, which is a clear La-France-pink. A valuable addition to this group and especially useful to florists. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

ALLDDOUBLE PURPLE. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

ALLDDOUBLE, WHITE QUEEN. Pure white, very double flowers, beautifully fringed. Extra dwarf and free flowering. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00.

DWARF ALLDDOUBLE VICTORIOUS, MIXED. A giant mixed Petunia which produces 100 per cent double-flowered plants. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings, and it is very free flowering. An exceptionally fine type for pot-culture as the plants seldom grow more than 10 inches high. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.00; \$2.00 per trade pkt. (1000 seeds); 3 trade pkts. \$5.00; \$6.00 per $\frac{1}{64}$ oz.; $\frac{1}{32}$ oz. \$11.50.

The above variety is an origination of Mr. T. Sakata.

The following Double variety is a splendid strain producing an average of 60 to 70 per cent doubles.

NOTE. It is important not to discard the small seedlings, as these usually produce the best double flowers.

Double Fringed, Mixed. Superbly colored flowers of mammoth size. 500 seeds 75c.; \$1.50 per 1000 seeds

Please note, Double Petunias are a highly bred type, and the seed is not as vigorous in growth as that of single strains. Seed of all our Double Petunias has been carefully tested in soil and the germination has been found to average 70 to 80 per cent. For this reason, and because of its high cost, we cannot entertain claims on non-germination of this seed, or requests for replacements. If carefully handled, we know the seed will grow.

Phlox Drummondi Gigantea, Art Shades, is exceedingly beautiful

Phlox Drummondi

Beautiful summer-flowering annual that makes excellent pot-plants for spring sales.

GIGANTEA, SALMON GLORY

All-America Winner of Silver Medal. We take pleasure in offering this new Phlox, Salmon Glory. The individual florets are gigantic, measuring from $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. Color is a pure salmon-pink with a distinct creamy white throat. This combination, with its clear, clean, crisp appearance, makes one of the most beautiful Phloxes we have ever seen. Trade pkt. 50c.; \$1.00 per $\frac{1}{4}$ oz.

GIGANTEA, ART SHADES • NOVELTY

A new strain with flowers $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. In addition to its enormous flowers (which in themselves would be enough to justify it as a novelty), it has a most wonderful range of color in soft art shades, such as salmon with white eye, deep salmon with cream eye, apple-blossom-pink, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye, and many other pleasing art shades. Plants about 9 inches high. Choice mixture only. Trade pkt. 30c.; \$1.75 per oz.

GRANDIFLORA VARIETIES

	Trade pkt.	Oz.
Alba. Pure white.....	\$0 25	\$1 00
Chamois-Rose	25	1 00
Coccinea. Scarlet.....	25	1 00
Lilac	25	1 00
Pink	25	1 00
Yellow	25	1 00
Choicest Mixed	1/4 lb.	\$3.00
Cuspidata (Star of Quedlinburg) . Extra-fine, star-flowered mixture.....	20	80
	25	1 00

DWARF OR COMPACT VARIETIES

	Trade pkt.	Oz.
Blue Shades	40	2 00
Chamois-Rose	40	2 00
Fireball. Brilliant scarlet.....	40	2 00
Isabellina. Yellow.....	40	2 00
Pink	40	2 00
Snowball. Pure white.....	40	2 00
Choicest Mixed	1/4 lb.	\$5.50
Cecily. Large-flowering, mixed.....	30	1 50
	40	2 00

Poppy • Papaver

DOUBLE ANNUAL VARIETIES

Carnation-flowered, Mixed	1/4 lb.	50c.	15
Peony-flowered, Mixed	1/4 lb.	50c.	15
Improved Shirley, May Queen. An improved strain with large double flowers. Mixed colors.....	15	50	

SINGLE ANNUAL VARIETIES

Flanders. Bright scarlet.....	15	25
Oriental Scarlet. An exact duplicate of the perennial type, but is an annual, flowering profusely the first season.....	15	50
Shirley, Wild-Rose-Pink. Beautiful rich pink.....	15	50
Shirley, Mixed. Large flowers.....	15	25

Michell's Primulas

We offer select strains of this fine winter-blooming pot-plant. Several of the varieties are originator's stock and grown exclusively for our florists' trade.

NEW GIANT OBCONICAS

The following three are new Giant varieties that produce immense trusses of larger flowers than any other strain. Plants are of compact habit and are very free flowering.

Bayesian Blood-Red (Bayernblut). Deep blood-red	\$1 50	\$3 00
Sky-Blue (Konigsee). Bright blue with yellow eye	1 50	3 00
Snowfall (Schneelawine). Pure white	1 50	3 00

$\frac{1}{64}$ ozs. of the above three varieties available in glass tubes

OBCONICA

These are excellent pot-plants for winter blooming.

Fasbender. Very compact grower with enormous, deep crimson blooms.....	1/2 trade pkt.	60c.	1 00	2 00
Mohnstein, Atrosanguinea. Dark red.....	1 00	2 00		
Mohnstein, Kermesina. Crimson.....	1 00	2 00		
Mueller. (Berlin.) Bright rose.....	1 00	2 00		
Mueller and Mohnstein, Mixed. Shades of pink and red.	1 00	2 00		

OBCONICA GIGANTEA

Monster, Mixed. A large-flowering strain.....	Trade pkt.	$\frac{1}{2}$ oz.	\$1 00	\$2 00
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PRIMULA OBCONICA GRANDIFLORA

Trade pkt. $\frac{1}{16}$ oz. \$1.50. \$0.50

Hybrida, Mixed

	Trade pkt.	3 trade pkts.	pkts.
Erikssonii, Baby Rose. Deep rose-pink.....	\$1 00	\$2 50	
Erikssonii, Brilliancy. Opens lavender, changing to crimson-red.....	1 00	2 50	
Erikssonii, New Baby. Large clear lavender-pink flowers.....	1 00	2 50	
Erikssonii, Wonder Baby. Bright pink.....	1 00	2 50	
Dawkin's Carmine-Pink. Rich glowing carmine-pink; flowers large.....	50	\$3 00	
Lilac. Improved Baby Primrose.....	1/8 oz.	\$1.00	50
Princess Patricia. Beautiful lavender-pink flowers.....	50	2 00	
Pink Beauty. Deep rosy pink flowers.....	50	1 00	
Snow Queen. Single; white.....	75		

FRINGED CHINESE VARIETY

Trade pkt. $\frac{1}{2}$ oz. \$3.00. \$0.60 \$1.00

KEWENSIS, Verbena-scented Yellow Primrose

Long spikes of yellow flowers. $\frac{1}{2}$ oz. \$1.50 50

Pyrethrum

Trade Oz. \$0.40

	Trade	Oz.
Aureum. Golden Feather. Golden yellow foliage. For bedding.....	\$0 15	\$0 40

Rhodanthe • Everlasting Flower

Trade 15 50

Mixed. Annual. Fine for cutting

15 50

Ricinus communis • Castor-Oil Bean

Very effective plants on the lawn as centerpieces in beds of flowers such as canna, etc.

Oz. $\frac{1}{4}$ lb.

	Trade	Oz.
Cambodgensis. Bronzy maroon. 5 ft.	\$0 15	\$0 50

Red Spire. Leaves bronzy green with bright rosy crimson seed-spikes.....

15 50

Sanguineus. Blood-red stalks. 8 ft.

15 50

Zanzibarensis. Large. Various colors. 12 ft.

15 50

Mixed. All sorts.....

Lb. \$1.00. 10 30

Rudbeckia • Coneflower

Tall-growing plants, flowering profusely all summer.

Kelvedon Star. A really good annual. The perfect, long-stemmed flowers are fine for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs surrounded by a mahogany zone on petals of deep orange. 3 ft. Trade pkt. 30c.; \$1.50 per oz.



Phlox gigantea, Salmon Glory

The new Scabiosas have better plants and produce more flowers

Salpiglossis · Painted Tongue

Easily grown and useful summer-flowering annuals; also suitable for greenhouse forcing. Very showy flowers, excellent for cutting.

Rose-Crimson and Gold. New Salpiglossis. Definitely

a new color in Salpiglossis. The richly colored blooms are one-half again as large as the ordinary type. Excel- lent for cutting.

Crimson and Gold.

Primrose.

Purple and Gold.

Rose and Gold.

Scarlet and Gold.

White and Gold.

Emperor, Mixed. Choice selection of large-flowering sorts.

Salvia · Flowering Sage

Seeds are plump, strong in germination, and will give superior satisfaction.

Note. Sow in February. A larger percentage of Salvia seed will germinate if sown after February 1.

Dwarf Fire King. Michell's Novelty. An extra-early variety, flowering about four weeks earlier than other existing types. Plants are of very compact habit, exceedingly dwarf, and completely covered with medium-sized, brilliant scarlet flowers. Trade pkt. 50c.; 85c. per $\frac{1}{4}$ oz.; oz. \$3.00.

Trade pkt. Oz.

America (Globe of Fire). Of dwarf, bushy, compact growth, about $1\frac{1}{2}$ feet high, uniform in height and shape.

Early and continuous bloomer. Brilliant scarlet flowers.

\$0 50 \$2 50

Bonfire (Clara Bedman). Medium dwarf; compact growth.

$\frac{1}{4}$ lb. \$6.00..

30 1 75

Early Harbinger. A very early, uniform type, growing about 15 inches high. Flowers are brilliant scarlet. Very free blooming.

$\frac{1}{4}$ oz. \$1.25..

50 4 00

Splendens. The old-fashioned tall variety with bright scarlet flowers.

$\frac{1}{4}$ lb. \$4.00..

25 1 25

Zurich. Dwarf. Very early flowering. Intense scarlet.

$\frac{1}{4}$ lb. \$7.00..

40 2 00

Sanvitalia · Creeping Zinnia

Procumbens fl.-pl. Bright yellow, double flowers.....

30 1 25

Scabiosa · Mourning Bride

Magnificent annuals of easy culture and invaluable for cutting, also excellent for beds or borders.

Novelty Varieties

Trade pkt. Oz.

IMPERIAL GIANTS, BLUE MOON. All-America

Winner, Honorable Mention. This new type has flowers composed entirely of broad, heavy, wavy petals, eliminating the pincushion center entirely. In other words, the flower is literally fully double. Extremely large and deep, $2\frac{3}{4}$ inches across and 2 to $2\frac{3}{4}$ inches deep, about the shape of an old-fashioned beehive. The color is a rich deep lavender-blue, a shade which maintains its effectiveness indoors or out. Plants are extremely upright, growing tall (42 to 48 inches high) and the long, heavy, yet wiry stems hold the flowers proudly erect. This is an ideal cutting type.....

\$0 40 \$2 50

Giant Salmon Beauty. Pure salmon in color, with huge flowers. Splendid for cutting.....

40 2 50

Orchid Shades. A mixture of orchid shades which makes this a very high-class florists' cut-flower. The blooms are extra large and are produced in quantities on strong, wiry stems.....

25 1 00

Rosette. New large-flowering type in a beautiful shade of deep rose heavily suffused salmon.....

30 1 50

GRANDIFLORA VARIETIES

Trade pkt. Oz. $\frac{1}{4}$ lb.

Blue Cockade. Large, deep azure-blue flowers...

\$0 20 \$0 75 \$2 50

Azure Fairy. Light blue.....

15 50 1 50

Cherry-Red.

15 50 1 50

Flesh-Pink.

15 50 1 50

King of the Blacks. Deep purple.....

15 50 1 50

Loveliness. Flowers range through varying tones

of delicate salmon-rose.....

15 50 1 50

Peach Blossom. Peach-blossom-pink.....

15 50 1 50

Rose.

15 50 1 50

White Shasta.

15 50 1 50

Choice Mixed.

15 40 1 25

Giant-flowering Hybrids. Giant blooms in an unusual number of rare colors.....

20 75 2 50

Saponaria

Vaccaria. Profuse-flowering annual. Beautiful pink, feathery flowers.....

Trade pkt. Oz. $\frac{1}{4}$ lb. 60c.; \$2.00 per lb...

\$0 20

Schizanthus · Butterfly Flower

Dwarf Large-flowering. A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades.....

$\frac{1}{4}$ oz. \$1.25. \$0 50

Garraway's Hybrids. A beautiful greenhouse strain, containing a wide range of colors.....

40 2 00

Giant Pansy-flowered. Large pansy-flowered blooms in a wide range of rich colors. Excellent for cutting....

$\frac{1}{8}$ oz. \$1.00. 50

Hybridus grandiflorus, Mixed. Dwarf.....

20 75

Wisetonensis. Various colors. Fine for pots.....

25 1 00

Sensitive Plant · Mimosa

Pudica. Flowers pinkish white.....

15 50

Shamrock

New crop seed. Shamrock seed should be sown January 1 for 2-inch plants for St. Patrick's Day. Use 3 or 4 seedlings to a pot and grow in a carnation-house temperature.

Trade pkt. Oz. $\frac{1}{4}$ lb. \$1.00. \$0 15 \$0 40

True Irish.

Smilax · Myrsiphyllum

Asparagoides. A desirable greenhouse climber of great value for floral decorations. $\frac{1}{4}$ lb. \$1.50; \$5.00 per lb...

15 50

SNAPDRAGON. See Antirrhinum.

Solanum

NEW ORNAMENTAL VARIEGATED-LEAVED

CHRISTMAS PEPPER. For description see Novelties, page 5.....

40 2 00

Christmas Pepper. An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red.....

25 1 00

Cleveland Cherry. A grand acquisition to this class of plants. Grows compact and produces scarlet berries in great profusion.....

20 75

Statice · Everlasting Flower

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

ANNUAL VARIETIES

Trade pkt. Oz.

Market-Grower's Blue.

\$0 15 \$0 30

Kampf's Tall Improved. Deepest blue. Early flowering.

15 30

Sinuata, True Blue.

15 30

Sinuata, Lavender.

15 30

Sinuata rosea superba.

15 30

Sinuata, White.

15 30

Sinuata, Yellow (S. Bonduelli).

15 30

Sinuata, Mixed.

15 25

Suworowii. Russian or Rat Tail. Flowers bright rose color

15 60

Stevia

Serrata. Fragrant white flowers.....

30 1 50

Sunflower · Helianthus

ANNUAL VARIETIES

Cut-and-Come-Again. Single; yellow.....

15 25

Double Globe (H. globosus fistulosus). Rich yellow.....

15 25

Dwarf Double (Globe of Gold). Deep yellow.....

15 25

New Red. Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow.....

15 40

Stella. Single; yellow, black center.....

15 25

Sweet William

Annual Single Mixed.

25 1 00

Tagetes

Signata pumila. A fine bedding plant. Flowers golden yellow.....

15 60

Signata pumila, Gnome. This is a fine selection. The plants grow 4 to 6 inches high, spreading from 10 to 12 inches, and are completely covered with dainty golden orange flowers. Fine for pots and edging.....

20 1 00

Michell's Stocks for fragrance and cut-flower satisfaction

Michell's Distinctive Stocks

GIANT COLUMN, NON-BRANCHING DOUBLE EXCELSIOR

This new type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together. We offer only the best seed, which will give a high percentage of doubles.

	1/2 trade pkt.	Trade pkt.	1/4oz.	Oz.
Ball Blue. Dark lilac-blue.....	\$0 60	\$1 00	\$2 25	\$8 00
Ball Dwarf White	60	1 00	2 25	8 00
Ball Pink No. 11. Light rose-pink.....	60	1 00	2 25	8 00
Ball White	60	1 00	2 25	8 00
Chamois Rose (Chamois-Pink)	60	1 00	2 25	8 00
Golden Rose. Deep rose suffused gold—a very attractive color.....	60	1 00	2 25	8 00
Illusion. Scarlet-red; beautiful under artificial light.....	60	1 00	2 25	8 00
Malmaison Pink. Beautiful shell-pink ..	60	1 00	2 25	8 00
Rose-Pink. All-America Winner.....	60	1 00	2 25	8 00
Silvery Lilac (Lilac-Lavender)	60	1 00	2 25	8 00
Snowball. A grand pure white with clear, glistening flowers.....	60	1 00	2 25	8 00
Mixed	60	1 00	2 00	7 00

GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in florists' forcing Stocks in the very near future. Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet. We can with confidence recommend this strain to the florist grower.

	1/2 trade pkt.	Trade pkt.	1/4oz.	Oz.
MOJAVE. For description see Novelties, page 6.....	\$0 40	\$0 75		\$4 50
Golden Gate. Clear golden yellow.....	30	50	\$1 00	3 50
Monterey. Bright pink.....	30	50	1 00	3 50
Pacific. Light blue.....	30	50	1 00	3 50
Redwoods. Blood-red.....	30	50	1 00	3 50
Santa Barbara. Chamois.....	30	50	1 00	3 50
Santa Maria. Pure white.....	30	50	1 00	3 50
Tahoe. Lavender.....	30	50	1 00	3 50
Yosemite. Rose.....	30	50	1 00	3 50
Splendid Mixture	30	50	1 00	3 50

EARLY GIANT IMPERIAL STOCKS, IMPROVED BISMARCK

An excellent addition to the early forcing class. They are of tall branching habit, 2 to 2½ feet high, with immense spikes of large, double flowers. Especially valuable for indoor culture for cutting.

NEW SUPER-GIANT IMPERIAL. This new group is a select strain for florists' use. The plants are base branching and produce 12 to 15 huge flower-spikes made up of individual florets that measure 2 inches or more in diameter.

	1/2 trade pkt.	Trade pkt.	Oz.
1940 Introduction. For description see Novelties, page 6.....	\$0 40	\$0 75	\$4 50
Dark Blue. New shade.....	40	75	4 50
Rose Charm. Rich deep rose.....	40	75	4 50
Roselight. Bright rose.....	40	75	4 50

The above three varieties only are available in this new group

	1/2 trade pkt.	Trade pkt.	Oz.
Antique Copper. Rich hellebore-red.....	\$0 30	\$0 50	\$3 00
Apple Blossom. Blush-pink.....	30	50	3 00
Buttercup. A deeper shade than canary-yellow.....	30	50	3 00
Canary-Yellow (Golden Ball)	30	50	3 00
Chamois. Ivory, tinted old-rose.....	30	50	3 00
Elk's Pride. Intense royal purple.....	30	50	3 00
Fiery Blood-Red. Extra fine.....	30	50	3 00
Golden Rose	30	50	3 00
Lavender	30	50	3 00
Lilac	30	50	3 00
Rose-Pink	30	50	3 00
White	30	50	3 00
Mixed Colors	30	50	2 50

EARLY-FLOWERING "NICE"

A branching Stock literally covered with blooms, which appear earlier than in any other strain. Separate colors are not available. This old strain has been superseded by the much superior Giants of California.

	1/2 trade pkt.	Trade pkt.	Oz.
Choice Mixed. All colors.....	\$0 30	\$0 50	\$2 00



Stocks, Giants of California

LARGE-FLOWERING DWARF TEN WEEKS STOCKS

For bedding there is nothing more effective. Dwarf, compact plants with fine spikes and producing a large percentage of double flowers.

	1/2 trade pkt.	Trade pkt.	Oz.
Blood-Red	\$0 25	\$0 40	\$2 00
Dark Blue	25	40	2 00
Light Blue	25	40	2 00
Pink	25	40	2 00
White	25	40	2 00
Yellow	25	40	2 00
Mixed	25	40	1 75

Tahoka Daisy

A beautiful free-flowering annual with fern-like foliage. The daisy-like flowers are a beautiful lavender-blue color and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination, we suggest putting the seed in a refrigerator for a week or ten days.

Trade pkt. 50c.; \$2.50 per oz.

Texas Queen Anne's Lace • Improved Wild Carrot

Very easy to dye. Trade pkt. 20c.; 75c. per oz.

Thunbergia • Black-eyed Susan

A very useful vine for baskets, vases, etc. Trade pkt. Oz. \$0 15 \$0 60

	Trade pkt.	Oz.
Mixed	\$0 15	\$0 60

Tithonia

Speciosa. Mexican Sunflower. A native of Mexico. The flowers remind one of a large single Zinnia. Color dazzling orange-scarlet. Makes a very salable cut-flower. 10 to 12 ft..... 25 1 50

Torenia

Excellent for bedding, also for baskets, window-boxes, etc.

	40
Fournieri compacta. Dwarf. Blue. 8 in. ... 1/8oz. 75c... 40	40

	40
Fournieri grandiflora. Blue..... 40	2 50

Venidium • Monarch of the Veldt

Fastuosum. A fine annual with deep golden orange, daisy-like flowers, with reddish brown centers. 2 to 3 ft. 40 3 00

	40
Fastuosum Hybrids. New. Identical in habit with above, with a varied color-range from apricot to deep golden orange..... 40 3 50	40

New Spring-flowering Sweet Peas

For outdoor planting sow the seed as early as possible. The plants are very vigorous, heat resistant, and will bloom well into the summer.

Spring-flowering Rose-Pink. Silver Medal, 1940 All-America Selections. A beautiful clear rose-pink shade.
 $\frac{1}{2}$ oz. 75c.; \$1.40 per oz.; $\frac{1}{4}$ lb. \$5.50

Spring-flowering Blue. Bronze Medal, 1940 All-America Selections. A splendid clear marine-blue.

$\frac{1}{2}$ oz. 75c.; \$1.40 per oz.; $\frac{1}{4}$ lb. \$5.50

Spring-flowering Lavender. Honorable Mention, 1940 All-America Selections. A fine clear lavender shade.

$\frac{1}{2}$ oz. 75c.; \$1.40 per oz.; $\frac{1}{4}$ lb. \$5.50

Michell's Winter-flowering Spencer or Orchid Sweet Peas

New and Novelty Sweet Peas

EARLY OR WINTER FLOWERING

Treasure Island. An outstanding variety named for the Golden Gate International Exposition. The color is sparkling golden orange and the flowers are huge, measuring $2\frac{1}{2}$ inches across, and 2 inches deep. It is also a very strong grower, throwing a majority of fours on 18 to 20-inch stems. The best variety of its color.

$\frac{1}{2}$ oz. 60c.; \$1.00 per oz.; $\frac{1}{4}$ lb. \$3.50

Ball Improved Orange. A splendid large-flowering clear, deep glowing orange sort.

Oz. 45c.; \$1.60 per $\frac{1}{4}$ lb.; lb. \$5.50

Boon. A fine deep salmon-pink on a light cream ground.

Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00

Bridesmaid. Novelty. A delicate, sparkling shade of silver-pink and as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower in a table arrangement, its large flowers usually in fours on 14 to 16-inch stems. Ideal for shipping.

Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00

Daphne. An exquisite soft salmon-pink on a cream ground. The flowers are of great size.

Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00

Delicious. This splendid new early-flowering variety is a lovely new color—a shade of pale salmon and cream delightfully blended. The flowers are huge, and the habit and length of stems are everything a good Sweet Pea should have.

Oz. 50c.; \$1.75 per $\frac{1}{4}$ lb.; lb. \$6.00

Eleanor Blue. Clear light blue with a delightful silvery sheen.

Oz. 30c.; \$1.00 per $\frac{1}{4}$ lb.; lb. \$3.40

Florists' Blue. A very vigorous grower with large, clear pure blue flowers.

Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00

Florists' Rose. The color is a pure rich rose-pink. Blooms are immense, on long stems.

Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00

Michell's Rose Wonder. A beautiful clear, sparkling rose-pink color on a light ground. Very brilliant under artificial light.

Oz. 45c.; \$1.50 per $\frac{1}{4}$ lb.; lb. \$5.00

Miss Annie Laurie. The richest tone of pure rose-pink ever introduced in a Sweet Pea.

Oz. 40c.; \$1.20 per $\frac{1}{4}$ lb.; lb. \$4.00



Navy Blue. A new color in the Earlies, and one that has long been wanted. Flowers a rich dark blue with four to a stem. Long, strong stems and vigorous grower.

Oz. 50c.; \$1.75 per $\frac{1}{4}$ lb.; lb. \$6.00

Princess Blue. The largest flowered, light lavender-blue, early-flowering sort that we have seen; exceptionally long stems.

Oz. 50c.; \$1.75 per $\frac{1}{4}$ lb.; lb. \$6.00

Sensation. Duplex. The large duplex-petaled flowers give the blooms the appearance of being double. Color, a clear-toned, luminous geranium-pink which is a new shade in the early varieties and excellent under artificial light.

Oz. 50c.; \$1.75 per $\frac{1}{4}$ lb.; lb. \$6.00

Shirley Temple. This Sweet Pea, which we consider the most beautiful we have ever originated, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. Stems long, with four very large blooms on each stem.

Oz. 30c.; \$1.00 per $\frac{1}{4}$ lb.; lb. \$3.40

Triumph. A beautiful clear shade of soft lilac-mauve, without a tinge of purple or blue.

Oz. 30c.; \$1.00 per $\frac{1}{4}$ lb.; lb. \$3.40

General List of Sweet Peas

	Oz.	$\frac{1}{4}$ lb.	Lb.
Aviator. Extra large, dazzling crimson-scarlet...	\$0 30	\$1 00	\$3 40
Ball Blue. Fine form; clear even blue.....	30	1 00	3 40
Ball Orange. Intense clear glowing orange.....	30	1 00	3 40
Ball Rose Improved. Sparkling deep rose.....	30	1 00	3 40
Blue Bird. A charming shade of blue.....	30	1 00	3 40
Burpee's Orange. Clear, glistening orange.....	30	1 00	3 40
Eileen. Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives it a brilliancy never before obtained.....	30	1 00	3 40
Fascination. Salmon-rose-pink color of the famous late Hawlmark Pink, plus the long, strong stem of the early Jeanne Mamitsch.....	30	1 00	3 40
Florence Michell. An extra-fine deep blue.....	40	1 20	4 00
Fragrance. A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.....	30	1 00	3 40
Giant Rose. A large, improved Zvolanek's Rose color. Extra-fine variety.....	30	1 00	3 40
Glitters (Early Royal Scot). Standard bright fiery orange; wings deep orange.....	30	1 00	3 40
Grenadier. Dazzling scarlet.....	30	1 00	3 40
Harmony. A beautiful clear lavender.....	30	1 00	3 40
Hope. The finest black-seeded pure white to date. Flowers of mammoth size.....	30	1 00	3 40
Jeanne Mamitsch. Flowers large, on long stems; color, a beautiful shade of rose-pink.....	30	1 00	3 40
Josie. Rich, clear rose-pink; very large, long-stemmed flowers. A vigorous grower.....	30	1 00	3 40
Lavender King. Rich, true deep lavender throughout; of large size and well waved.....	30	1 00	3 40
Majestic Rose. Deep brilliant rose-pink.....	30	1 00	3 40
Mrs. Herbert Hoover (The California Blue). Flowers are clear blue; stems very long.....	30	1 00	3 40
Rose Queen. A most attractive shade of rose-pink	30	1 00	3 40
Sequoia. Novelty. Enormous, rich golden cerise flowers so frilled and with wings so widespread that unless one looks closely he mistakes a single flower for two. Folds of petals tinged russet. Free flowering and a strong grower	30	1 00	3 40
Snowstorm, Improved. One of the best early-flowering white Sweet Peas to date.....	30	1 00	3 40
Susanna. Large flowers of a rich carmine color, on long stems. An improvement over existing varieties in this color.....	30	1 00	3 40
Top Hat. A fine grower; deep bright violet—a beautiful shade under artificial light.....	30	1 00	3 40
Valencia. A bright orange in color and absolutely sun-proof. Stems long.....	30	1 00	3 40
White Harmony. A black-seeded variety. Flowers large, pure paper-white, of grand substance, on long stems.....	30	1 00	3 40
Zvolanek's Rose. Rose-pink.....	30	1 00	3 40
Michell's Winter-flowering Spencer, Mixed...	25	75	2 50

Michell's Verbenas give an all-season carpet of bloom

Giant Spencer Sweet Peas

Outdoor · Summer-flowering Varieties

	Oz.	1/4lb.	Lb.	Trade ptk. Oz.
Golden Dragon. Very large duplex-flowered orange. The standard is a vividly bright orange, while the wings shade to a deeper, softer orange-rose.....	\$0 25	\$0 75	\$2 50	
Maytime. New. Huge individual flowers coming four and five to a stem. The color is a rich golden cerise.....	25	75	2 50	
Asta Ohn Spencer. Rich lavender.....	15	50	1 50	
Austin Frederick Improved. Giant light lavender.....	15	50	1 50	
Avalanche. Glistening pure white.....	15	50	1 50	
Barbara. Superb self-colored salmon.....	15	50	1 50	
Cheerie-O. Mammoth-flowering, deep begonia-rose, suffused with gold.....	15	50	1 50	
Constance Hinton. White. Black-seeded.....	15	50	1 50	
Countess Spencer. A lovely clear pink.....	15	50	1 50	
Crony. Novelty. Large flowers of a soft golden salmon. Stems long. An exhibition variety of the first rank.....	40	1 20	4 00	
Daffodil. The best yellow yet introduced.....	15	50	1 50	
Elfrieda Pearson. Large; shell-pink.....	15	50	1 50	
Fiery Cross. Intense orange-scarlet.....	15	50	1 50	
Fluffy Ruffles. Giant ruffled type. Rose-pink, salmon shading.....	15	50	1 50	
Fortune. Rich dark blue.....	15	50	1 50	
Gleneagles. Large; lavender.....	15	50	1 50	
Hercules. Giant; pure pink.....	15	50	1 50	
Huntsman. Bright scarlet.....	15	50	1 50	
King White. Extra large; pure white.....	15	50	1 50	
Peggy Ann. An introduction of great beauty, in a rare shade of salmon-pink. Delightfully perfumed.....	15	50	1 50	
Pinkie. Rose-pink; extraordinary large flowers.....	15	50	1 50	
Pirate Gold. Golden orange.....	15	50	1 50	
Royal Purple. Rich purple.....	15	50	1 50	
Snowball. A fine pure white variety.....	15	50	1 50	
Wedgwood. A lovely self blue.....	15	50	1 50	

SWEET PEAS IN MIXTURE

	Oz.	Trade ptk. Oz.
Michell's Superb Spencer. Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite colors and shades.....	10 lbs. \$10.00..	15 40 1 10
For Winter-flowering Spencer Sweet Peas see page 26.		

Viola

	Oz.	Trade ptk. Oz.
Avalanche. Giant-flowering, pure white variety.....	\$0 50	\$3 00
Arkwright Ruby. This new variety is of the large-flowered type. Very fragrant, beautiful bright rosy crimson blooms, with terra-cotta shadings, make it a very outstanding variety.....	50	6 00
Florariensis. A free-blooming type with beautiful lavender flowers. This variety will continue to bloom from early spring until late fall.....	50	
Yellow Queen. Another large-flowered type. Deep pure yellow flowers, coming practically 100 per cent true from seed. Plants are robust in habit and very free flowering..	50	
Jersey Gem. This is the most popular and free-blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom.....	50	
Bosniaca. Johnny-jump-up. Free bloomer. Small leaves. Purple flowers.....	40	2 50
G. Wermig. Rich violet-blue. 8 in.....	50	5 00

*Viola Cornuta · Tufted Pansies

	Oz.	Trade ptk. Oz.
Lord Nelson. Large, violet-purple flowers. Fine bedding variety.....	50	3 00
Chantreyland. New. A fine new variety in a pure apricot, outstanding in color.....	50	4 00
Admiration. Dark blue.....	30	1 50
Apricot Queen. Large, apricot-yellow flowers, tinged orange.....	50	4 00
Mauve Queen. Lovely mauve color.....	40	2 00
Perfection. Light blue.....	30	1 50
Rose Queen. Compact habit. Rosy pink flowers.....	40	2 00
White Perfection. Pure white.....	30	1 50
Yellow Perfection. Golden yellow.....	30	1 50
Mixed. All colors.....	30	1 50
Scotch Bedding, Mixed. Produces larger flowers than <i>V. cornuta</i>	75	4 00

Virginian Stock

	Oz.	Trade ptk. Oz.
Mixed. An easy-growing border annual.....	15	25

Michell's Verbenas

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free-flowering qualities, large size, and purity of colors. Seed should be sown early in order to get good plants for spring sales.

Trade ptk. Oz.

Giant Brilliant, Hybrida Grandiflora. The color of this new Verbena is a rich deep flame-rose with a medium-sized white eye. The white eye helps bring out the intense flame color in the rose. This is one of the loveliest colored Verbenas yet introduced.....

\$0 50 \$3 00

Crimson Glow. The finest and deepest red shade available in this popular garden flower—a rich, glowing crimson. The flowers form a solid mass of color, making this variety a splendid addition for bedding or borders..

40 2 00

Apple Blossom. Flowers are a delicate cameo-pink, a delightful new color in Verbenas. Individual florets are large; flower-heads measure 4 to 5 inches across.....

40 2 00

Beauty of Oxford Hybrids. A fine giant hybrid, resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. The individual florets measure over 1 inch in diameter. Originator's Stock Seed,.....

40 2 00

Lavender Glory, Grandiflora. This novelty is a true hybrid (and will come one-third white), but we consider the lavender flowers so worth while that we recommend it. Medium-sized, with creamy white eye. The individual floret will cover a fifty-cent piece. Very fragrant.....

40 2 00

Newport Salmon (Michell's). A fine giant-flowering, true salmon-pink with white eye. Extra-large florets. Comes absolutely true from seed.....

40 2 00

Etna. The finest and brightest color in Verbenas—an intense geranium-red, with small yellow eye.....

40 2 00

Luminosa. Gigantic blooms of flame-pink, toning to softer shades of pink and coral.....

30 1 50

Lucifer. Large cardinal-red flowers.....

30 1 50

Royale. Rich, deep royal blue flowers of enormous size, with creamy yellow eye.....

40 2 50

Royal Bouquet, Mixed. Upright habit, 15 inches high. Large, erect flowers in brilliant colors.....

40 2 50

Trade ptk. Oz. 1/4lb.

Mammoth Fancy, Golden Queen...... \$0 30 \$1 50 \$5 00

Mammoth Fancy, Helen Willmott. Bright pink 30 1 50 5 00

Mammoth Fancy, Purple Mantle. Purple..... 30 1 50 5 00

Mammoth Fancy, Blue Shades...... 25 1 25 4 00

Mammoth Fancy, Pink Shades...... 25 1 25 4 00

Mammoth Fancy, Scarlet Shades...... 25 1 25 4 00

Mammoth Fancy, Striped...... 25 1 25 4 00

Mammoth Fancy, Pure White...... 25 1 25 4 00

Mammoth Fancy, Yellow Shades...... 25 1 25 4 00

Mammoth Fancy, Mixed...... 25 1 00 3 75

Erinoides. Moss Verbena. Fine for baskets, etc.

Purple flowers..... 25 1 00

Lemon-scented (Aloysia citriodora)...... 50 3 00

Venosa. Heliotrope-blue. Fine for bedding..... 25 1 00

DWARF COMPACT VARIETIES

This group is very neat and compact in habit and continuous in bloom. Well adapted for bedding, borders, and small gardens.

Fireball. Grows about 6 inches high, covered with brilliant scarlet blooms.....

Trade ptk. Oz.

\$0 40 \$2 50

Pastel Shades. An exceptionally beautiful blend of new shades with very large flowers.....

40 2 50

Violet Bouquet. Deep violet with cream eye. An excellent variety

40 2 50

Vinca

An excellent bedding plant. Seed should be sown early.

Alba. White, with rose center.....

20 75

Alba pura. Pure white.....

20 75

Rosea. Pink.....

20 75

Mixed.

15 60

Wallflower

Gold Standard. Annual. Double; deep golden yellow; very fragrant. The finest variety for forcing.....

1/4oz. \$1.00.. 50

Xeranthemum · Everlasting Flower

Double Mixed. Annual. For winter bouquets

15 50

Mixed or Wild Flower Garden Seed

A mixture of annuals containing a large number of varieties of easily grown and interesting flowers..... Oz. 15c.; \$1.25 per lb.

Michell's Distinctive Zinnias

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

Fantasy or Chrysanthemum-flowered Varieties

WILDFIRE. For description see Novelties, page 6. Trade pkt. 50c.; \$2.50 per oz.

ORANGE LADY. All-America Winner. A new separate color in the Fantasy group, Orange Lady is a rich shade of deep, bright orange. The medium-sized, 2½ to 3-inch flowers are shaggy and gay in appearance, making a vivid spot of color in the garden and extremely desirable for cutting. Of strong growing habits, there are flowers in 45 to 50 days after sowing. Trade pkt. 40c.; \$2.00 per oz.

ROSALIE. All-America Winner. A worthy companion to Orange Lady. The color is a bright, intense rose, equally lovely in the garden or when cut. The plants are neat in habit, strong growing, free flowering, about 2½ to 3 feet in height. Its delicate, informal flowers, composed of a mass of shaggy, ray-like petals, are a contrast to the stiff, formal Zinnias. Trade pkt. 40c.; \$2.00 per oz.

STAR DUST. Novelty. All-America Winner. This informal Star Dust Zinnia will be welcomed with enthusiasm. It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich, deep golden yellow. Plants grow 2½ to 3 feet high. Free flowering and an early bloomer. This variety will come true from seed. Trade pkt. 30c.; \$1.25 per oz.

MIXED COLORS (Bodger). Novelty. The rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest of reds and oranges as well as the popular pastel pinks and creams. Trade pkt. 25c.; \$1.00 per oz.

Zinnia *linearis*

A very unusual and interesting new type of Zinnia. The flowers are single, in a lovely shade of golden orange with a delicate lemon stripe through each petal. Plants are quite dwarf and extremely early flowering, commencing to bloom when the plants are 6 inches tall, and are continually a mass of bloom until late fall. The plants grow 8 to 10 inches tall and spread as much as 2 feet. Trade pkt. 30c.; \$1.50 per oz.

Zinnia, New *Gaillardia*-flowered • Novelty

This is another of the newer type of Zinnias, the flowers of which strongly resemble the double *Gaillardia picta*. Plants grow to a height of 1½ to 2 feet, are free flowering, and produce blooms in a color-range of many delightful combinations. Trade pkt. 25c.; \$1.25 per oz.

Scabious-flowered Zinnias

CAMPFIRE. For description see Novelties, page 6. Trade pkt. 50c.; \$2.50 per oz.

SUNBURST. All-America Winner. A new strain with medium-sized flowers, 1½ to 2 inches across, carried on strong stems of medium length. Plants are 2 to 2½ feet in height, branching and free flowering. The color is a very bright, pure canary-yellow, dazzling in its intensity. Sunburst is a very showy garden variety and is particularly effective for home decoration. Early flowering, blooming 40 to 45 days from the time of planting. Trade pkt. 40c.; \$2.00 per oz.

AUTUMN TINTS, MIXED. This new strain, which has been named Autumn Tints, is perfect in form of flower and comes true. The real beauty, however, is in the lovely coloring of the flowers, which range through all the gorgeous autumn tints and include orange, bronze, russet, dull red, carmine-red and intermediate shades. Fine for cut-flowers, having long stems and splendid keeping qualities. Trade pkt. 40c.; \$2.00 per oz.

Scabious-flowered, Mixed. Medium-sized flowers, resembling the annual scabiosa. Fine for cutting. Trade pkt. 30c.; \$1.50 per oz.

Super Crown of Gold Zinnia Mixture

This is an aristocrat among Zinnias. The flowers are large and each petal is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet. Trade pkt. 40c.; \$2.50 per oz.

Dwarf Double-flowering or Cut-and-Come-Again Varieties

These grow about 2 feet high and are excellent for bedding as well as for cutting.

	Trade pkt.	Oz.	1/4lb.
Crimson	\$0 15	\$0 50	\$1 75
Pink	15	50	1 75
Pinkie. Deep rose-pink.....	15	50	1 75
Salmon-Rose	15	50	1 75
Scarlet	15	50	1 75
White	15	50	1 75
Yellow	15	50	1 75
Mixed	15	40	1 25

Desert Gold

A large-flowering type in shades of yellow and gold, each petal overlaid at the base with a deeper color, giving a charming bicolor combination. Trade pkt. 25c.; \$1.00 per oz.

California Giants

These are larger than the Giant Robusta and are a cross between them and the Dahlia-flowered. This is an excellent, long-stemmed type suitable for cutting for florists.

	Trade pkt.	Oz.	1/4lb.
Brightness. Deep rose.....	\$0 25	\$1 00	\$3 50
Cerise Queen. Orange-rose.....	25	1 00	3 50
Daffodil. Canary-yellow.....	25	1 00	3 50
Enchantress. Bright rose.....	25	1 00	3 50
Golden Queen. Golden yellow.....	25	1 00	3 50
Grenadier. Dark red.....	25	1 00	3 50
Lavender Queen. Rosy lavender.....	25	1 00	3 50
Miss Willmott. Soft pink.....	25	1 00	3 50
Orange Queen. Golden orange.....	25	1 00	3 50
Purity. Best white.....	25	1 00	3 50
Salmon Queen. Salmon-rose.....	25	1 00	3 50
Scarlet Queen. Deep scarlet.....	25	1 00	3 50
Violet Queen. Purple.....	25	1 00	3 50
Finest Mixed.	20	75	2 50

Giant Dahlia-flowered Varieties

BODGER'S ORIGINAL STRAIN

Flowers are distinct from the ordinary Giant-flowered class, being of a true Dahlia-flowering type. Flowers extra large.

	Trade pkt.	Oz.	1/4lb.
Buttercup. Deep creamy yellow.....	\$0 25	\$1 00	\$3 50
Crimson Giant	25	1 00	3 50
Dream. Deep lavender, turning to purple.....	25	1 00	3 50
Exquisite. Light rose, center deep rose.....	25	1 00	3 50
Golden Dawn. Bright golden yellow.....	25	1 00	3 50
Golden State. Orange-yellow.....	25	1 00	3 50
Luminosa. A new shade of clear bright pink.....	25	1 00	3 50
Old-Rose	25	1 00	3 50
Oriole. Orange and gold.....	25	1 00	3 50
Polar Bear. Pure white.....	25	1 00	3 50
Purple Prince. Deep purple.....	25	1 00	3 50
Scarlet Flame. Bright scarlet and orange.....	25	1 00	3 50
Mixed	20	75	2 50

Lilliput Varieties

Beautiful miniature, perfectly double flowers, fine for bedding.

	Trade pkt.	Oz.
Pastel Mixture. In response to popular demand, we are pleased to offer this new mixture, which is composed solely of delicate shades not found in the ordinary mixture.....	\$0 20	\$0 75
Canary-Yellow	15	75
Crimson Gem	15	75
Golden Gem	15	75
Purple Gem	15	75
Rosebud. Rose-pink.....	15	75
Salmon-Rose	15	75
Scarlet Gem (Red Riding Hood)	15	75
Valencia. A new shade of burnt-orange.....	15	75
White Gem	15	75
Mixed Colors	15	60

LILLIPUT, TOM THUMB

A new dwarf, compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders. Trade pkt. 30c.; \$1.50 per oz.

Zinnia, Cupid

Small, button-like flowers produced freely on well-formed plants 1 foot high.

	Trade pkt.	Oz.
Pixie. Bright yellow.....	\$0 30	\$1 25
Tiny Tim. Bright scarlet.....	30	1 25
Snow Drop. Pure white.....	30	1 25
Finest Mixed	25	1 00

Miscellaneous Varieties

	Trade pkt.	Oz.	1/4lb.
Pumila, Picotee, Delight. An extra-select variety in light and deep salmon shades.....	\$0 30	\$1 50	
Curled and Crested, Mixed. Petals curiously twisted and curled.....	20	60	\$2 25
Haageana Hybrids, Mixed. Double variety from Mexico.....	30	1 50	

Michell's Hardy Perennial Flower Seeds

Varieties marked * are especially suitable for rock-gardens

Achillea • Milfoil; Yarrow

Perennial, flowering all summer.	Trade pkt.	Oz.
Millefolium. Bright magenta-red. 3 ft.	\$0 30	\$1 50
Ptarmica, The Pearl. Pure white, double flowers. 2½ ft.	50	3 00

Aconitum • Monkshood

Valuable perennial for planting in shady or semi-shady positions. Seed is of slow germination.	Trade pkt.	Oz.
Fischeri. An improved strain. Compact habit with bright blue flowers. 3 ft.	\$0 50	\$2 50
Napellus. Long spikes of blue flowers. 3 ft.	30	1 50

Adonis

*Vernalis. A choice spring-flowering perennial with large yellow flowers. 1 ft.	40	2 50
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Alyssum

*Saxatile compactum. Perennial. Golden yellow.	20	75
*Saxatile compactum, Silver Queen. Pale primrose. Perennial rock-plant.	25	1 00
*Rock-Garden Hybrids, Mixed. A rare perennial species.	50	3 00

Ampelopsis

Veitchi. Boston or Japanese Ivy.	1/4lb.	75c...
	15	25

Anchusa

An excellent hardy perennial; very popular.		
Italica, Dropmore. Bright blue.	15	50
*Myosotidiflora. Small forget-me-not-blue flowers. 15 in.	50	5 00

Anemone • Windflower

Hardy perennial. Blooms excellent for cutting.		
Coronaria. Mixed colors. 1 ft.	20	75
Coronaria, St. Brigid. Semi-double. Various colors. 1 ft.	30	1 50
Pulsatilla. Pasque Flower. Violet-lilac. 1 ft.	50	3 00



Aquilegia longissima

Anthemis • Hardy Marguerite

Trade pkt.	Oz.
*Montana. Pure white. 1 ft.	\$0 30
Tinctoria Kelwayi. Daisy-like, bright yellow flowers. 2 ft.	15 60

Aquilegia • Columbine

One of the most popular, early-flowering, hardy perennials and very desirable for cutting.

Trade pkt.	Oz.
Clematisflora, Choice Mixed. New. Spurless Columbine with beautiful open flowers like clematis. Contains all colors with the exception of deep red.	1/2oz. \$2.25 . . . \$0 75
Crimson Star. Crimson and white.	1/8oz. \$1.00 . . . 50
*Alpina. Blue and white. Fine for rock-gardens.	1 1/2 ft. 30 \$1 50
Californica hybrida. Mixed colors.	30 1 50
Canadensis. Scarlet and yellow.	40 2 00
Chrysanth. Yellow.	30 1 50
Cærulea. Blue and white.	40 2 00
Rose Queen. Deep rose.	50 3 50
Double Mixed.	15 50
Single Mixed.	15 50

SELECT LONG-SPURRED VARIETIES

These are unquestionably the finest types of this excellent garden perennial. Plants are of strong, robust growth and very free flowering.

Trade pkt.	Oz.
Longissima. The longest spurred Aquilegia. Flowers are a delicate shade of yellow.	1/2oz. \$2.00 . . . \$0 75
Blue Shades.	50 \$3 50
Copper Queen. Lovelvly deep copper, with long spurs of deeper hue.	50 3 50
Orange and Scarlet Shades.	50 3 50
Pink and Rose Shades.	50 3 50
Snow Queen. Pure white.	50 3 50
Mrs. Scott Elliott's Select Strain. Choice hybrids..	60 4 00
Hybrids. Mixed colors.	40 2 00

Arabis • Rock Cress

Trade pkt.	Oz.
*Alpina. Dwarf, spring-flowering perennial for edging and rockery. Flowers pure white. 1 ft.	\$0 15 \$0 50
*Alpina rosea. Bright rose flowers. Very dwarf. 8 in.	1/4oz. \$2.00 . . . 75

Armeria • Sea-Pink; Thrift

25	1 00
Formosa.	A fine edging plant with deep pink flowers. Perennial. 2 ft.

Asclepias • Butterfly Weed

40	3 50
Tuberosa.	Showy perennial with brilliant orange-scarlet flowers. 2 ft.

Asperula

20	75
Odorata.	Sweet Woodruff. Dwarf, hardy perennial with white flowers. 1 ft.

Perennial Aster • Michaelmas Daisy

40	2 00
Choice Mixed Colors.	3 ft.

Aster alpinus

50	
40	2 00
40	2 00

Aubrieta • Rainbow Rock-Cress

50	3 50
40	2 50
50	3 00

Auricula • Primula Auricula

50	
*Choice Mixed.	Hardy perennial with flowers of many beautiful colors. 6 in.

Our Long-spurred Columbines are gems of beauty

Baptisia · False Indigo

	Trade	Oz.	
Australis. Tall, showy perennial plants, with spikes of pkt. deep blue flowers. 3 to 4 ft.....	\$0 30	\$1 50	

Begonia

Evansiana. An excellent tender perennial for planting in the shade. Large green foliage. Big trusses of light pink flowers. Requires protection during the winter.....	75
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Campanula · Bellflower

Campanula Medium · Canterbury Bells BIENNIAL

Calycanthema, Blue. Cup and Saucer.....	30	1 50	
Calycanthema, Lilac	30	1 50	
Calycanthema, Pink	30	1 50	
Calycanthema, White	30	1 50	
Calycanthema, Mixed	25	1 25	
Single Blue	15	40	
Single Pink	15	40	
Single White	15	40	
Single Mixed	15	40	
Double Blue	25	1 00	
Double Pink	25	1 00	
Double White	25	1 00	
Double Mixed	20	75	

MISCELLANEOUS VARIETIES

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.	Trade	pkt.	Oz.	
*Carpatica, Blue. Dwarf; 6 in.....	\$0 20	\$0 80		
Carpatica, White. Dwarf; 6 in.....	20	80		
Latifolia macrantha. Large; purplish blue. 2 ft.....	30	1 50		
Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers.....	30	2 00		
Persicifolia grandiflora alba. White.....	30	2 00		
Persicifolia Moerheimi. Semi-double; pure white. 2 ft.....	50	4 50		
Persicifolia, Telham Beauty. Large, China-blue bells. 2 1/2 ft.....	75			
Pyramidalis, Mixed. Chimney Bellflower. 5 ft.....	25	1 25		

Candytuft · Iberis

Gibraltarica. Perennial. Lilac, shading to white.....	25	1 00	
Sempervirens. Perennial. Fine for edging borders. Flowers white.....	40	2 00	

See page 12 for annual varieties

Carnation, Perennial Varieties

The Grenadin Carnation is an excellent early-blooming, large-flowering type, fine for cut-flowers.

	Trade	pkt.	Oz.	
Grenadin. Black King. A fine dark red.....	\$0 40	\$2 50		
Cardinal. Brilliant scarlet.....	40	2 50		
Triumph Pink. Pure rose-pink.....	40	2 50		
White. Snow-white.....	40	2 50		
White Gold. Beautiful soft yellow.....	40	2 50		
Mixed	30	2 00		
Early Vienna, Mixed	30	1 50		

Centaurea, Perennial

Montana. Hardy Cornflower. Violet-blue. 2 ft.....	15	50	
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Cerastium · Snow-in-Summer

*Tomentosum. Dwarf perennial plant for edgings and rockeries. Silvery foliage. White flowers. 1 ft.....	25	1 00	
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Cheiranthus

Allioni. Siberian Wallflower. Brilliant orange.....	15	40	
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Chelone

Very showy hardy perennial bedding plant. Blooms fine for cutting.

	Trade	pkt.	Oz.	
Barbata Torreyi. Brilliant scarlet. 4 ft.....	\$0 20	\$0 80		
Barbata, Mixed. Various colors. 4 ft.....	20	80		

Chrysanthemum, Perennial Varieties

*Mawi. Rich pink flowers. Silvery foliage. Ideal for Trade pkt. Oz. borders or rockery. Perfectly hardy. 1 ft.....	1/6 oz.	\$1.00.	\$0 50
Shasta Daisy, New Giant Double White. Flowers extra large, on long, stiff stems, fine for cutting. Will flower from seed in 5 months.....	1/6 oz.	\$1.50.	50
Geisha. Cascade or Japanese Balcony Chrysanthemum. New single-flowering varieties, mixed.....	1/4 oz.	\$1.50.	50
Early-flowering, Double and Semi-double, Mixed. Valuable for pot-plants or cut-flowers.....	50	\$5 00	
Shasta Daisy, Alaska. Pure white.....	25	1 00	
Shasta Daisy, Conqueror. Giant-flowering white.....	20	75	

Clematis

Paniculata. A popular hardy climber with white star-shaped flowers.....	1/4 lb.	\$1.50.	15	50
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Coreopsis

A fine hardy perennial and excellent for cutting.				
Lanceolata grandiflora. Large; golden yellow.....	15	30		
Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Double and semi-double flowers.....	20	75		
Mayfield Giant. Extra-large flowers. Plants tall and of vigorous growth.....	20	75		

Daisy, Double English Bellis perennis

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers. 6 in.	Trade	pkt.	Oz.	
Monstrosa tubulosa, Bernina. White, changing to pink.....	50	\$2 50		
Monstrosa tubulosa, Monterosa. Pure rose.....	50	2 50		
*Monstrosa, Etna. Dark red.....	50	2 50		
*Monstrosa, Pink.	40	2 00		
*Monstrosa, White.	40	2 00		
*Monstrosa, Mixed.	40	2 00		
*Double Mixed. A fine mixture.....	30	1 25		

Dianthus · Pinks

HARDY GARDEN VARIETIES

Loveliness. New. An exquisite, single, mauve-pink sort, with delightful fragrance.....	1/6 oz.	\$1.00.	50	50
Mrs. Sinkins. Double; pure white.....	1/6 oz.	\$1.00.		
*Allwoodi alpinus. Flowers from seed the first year. A perfect gem for the rock-garden. Choice assortment of colors. 4 to 6 in.....	1/4 oz.	\$2.00.	50	
*Plumarius, Cyclops. Single Perpetual Grass Pinks. Assorted colors, with blood-red eye.....	25	1 00		
*Cæsius. Cheddar Pink. Pink.....	30	1 25		
Clove-scented, Double and Semi-double, Mixed.	30	1 25		
*Deltoides, Brilliant. Maiden Pink. Dwarf. Brilliant carmine.....	30	1 50		
Double Scotch, Mixed. Choice colors.....	30	1 25		
Latifolius atrococcineus fl.-pl. Double Everblooming Sweet William. Double; scarlet.....	20	75		
Pheasant's Eye, Mixed. Single; fringed.....	15	50		

Rock-Garden Varieties

*A special mixture of 25 rare varieties of Dianthus well adapted for rock-gardens. Trade pkt. 50c.; \$3.00 per oz.

Dictamnus · Gas-Plant

Dictamnus seed is slow of germination; sow in coldframe in the fall and leave undisturbed until spring.

Trade

pkt.

Oz.

Fraxinella. Perennial. Purple-red flowers. 2 1/2 ft.....

\$0 30 \$2 00

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Our Hybrid Delphiniums are breathtakingly magnificent



Delphinium, Giant Pacific Hybrids

Delphinium · Perennial Larkspur

One of the most popular perennials. Excellent for cutting.

SUPER GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving a splendid variety for cutting purposes. We offer the Originator's stock seed only.

Galahad Series. This is a new strain with clear white, enormous individual flowers averaging 3 inches in diameter, well spaced on strong, whippy stems. The plants are mildew resistant. This strain is the strongest and largest white Delphinium. Trade pkt. \$2.00; \$4.00 per $\frac{1}{8}$ oz.; $\frac{1}{4}$ oz. \$7.00.

Lancelot Series. A new color in Delphiniums—pure lilac self-tone with white bee. Individual flowers 2 to $2\frac{1}{2}$ inches in diameter. An ideal cut- and show-flower. Trade pkt. \$2.00.

White Majesty. Giant; pure white. Trade pkt. \$1.25; \$2.50 per $\frac{1}{8}$ oz.; $\frac{1}{4}$ oz. \$4.00; \$14.00 per oz.

Dark Blue Shades. Trade pkt. \$1.00; \$2.00 per $\frac{1}{8}$ oz.; $\frac{1}{2}$ oz. \$7.00; \$12.00 per oz.

Light Blue Shades. Trade pkt. \$1.00; \$2.00 per $\frac{1}{8}$ oz.; $\frac{1}{2}$ oz. \$7.00; \$12.00 per oz.

Pastel Shades. Trade pkt. \$1.00; \$2.00 per $\frac{1}{8}$ oz.; $\frac{1}{2}$ oz. \$7.00; \$12.00 per oz.

Mixed Colors. Trade pkt. \$1.00; \$2.00 per $\frac{1}{8}$ oz.; $\frac{1}{2}$ oz. \$7.00; \$12.00 per oz.

Blackmore & Langdon's Imported Strain. A new improved type of this fine English variety. Plants are of strong, vigorous growth and produce immense spikes of large flowers. Every describable shade of blue is in this mixture. Trade pkt. 50c.; \$3.00 per oz.

English Hollyhock, Watkin Samuels' Wrexham Strain. The finest large-flowered type to date. Immense spikes.

Art Shades.....	Trade pkt.	$\frac{1}{4}$ oz.	Oz.
Deep Blue Shades.....	\$0 75	\$2 00	
Light Blue Shades.....	75	2 00	
Selected Mixture.....	50	\$5 00	

Blue Grotto. Deep blue with cream center..... \$0 50 \$4 00

Summer Cloud. A fine new pure white type..... 50 3 50

DELPHINIUMS, continued

	Trade	Oz.	1/1b.
Belladonna Improved (Cliveden Beauty). A very select strain. Turquoise-blue.....	\$0 40	\$2 00	\$7 00
Belladonna. Regular Strain.....	25	1 25	4 50
Bellamosum, Improved. A dark blue type of Belladonna.....	40	2 00	7 00
Bellamosum. Regular Strain.....	25	1 25	4 50
Cardinale. Large, brilliant scarlet flowers.....	40	2 50	
Grandiflora (chinense). Blue. 3 ft.....	20	75	
Grandiflorum album (chinense album). White. 3 ft.....	20	75	
Michell's Gold Medal Hybrids. A fine strain. Long spikes of large flowers.....	25	1 00	3 50

Note.—The seed of Summer Cloud and Cardinale is of slow germination.

Edelweiss · Leontopodium

	Trade	Oz.
*Alpinum. An excellent perennial rock-plant with silvery white flowers.....	$\frac{1}{16}$ oz.	\$1.00.. \$0 50

Erigeron · Fleabane

Speciosus grandiflorus. A summer-flowering perennial plant, with large, rosy lilac, aster-like flowers. 2 ft.....	40	\$2 00
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Eryngium

An ornamental perennial plant, with round heads of flowers which can be cut and dried for winter bouquets.

	Trade	Oz.
Amethystinum. Metallic blue flowers. 3 ft.....	\$0 40	\$2 00

Eupatorium

Fraseri. A fine perennial and useful for cutting. Flowers white. 3 ft.....	25	1 00
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Gaillardia

PERENNIAL VARIETIES

Very showy and excellent for the border or for cutting. 2 $\frac{1}{2}$ to 3 ft.

	Trade	Oz.
*Grandiflora, Goblin. A new, dwarf, compact variety especially suited for the rock-garden, the plants attaining a height of 12 to 15 inches, and covered with large, showy, deep red flowers.....	\$0 50	\$3 50

Grandiflora, Burgundy. Bright coppery red blooms on long stems. Very free. Comes 60 to 80 per cent true from seed.....	30	2 00
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Grandiflora, Portola Hybrids. Flowers of immense size, bronzy red with golden-tipped petals.....	25	1 25
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Grandiflora, Tangerine. New. Giant orange flowers, overlaid with red.....	30	1 50
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Grandiflora superba, Mixed.	$\frac{1}{4}$ lb.	\$1.75 ..
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Gentiana · Blue Gentian

*Acaulis. Dwarf hardy perennial. Deep blue flowers. 5 in.	50	3 00
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Note.—The seed of this variety is of slow germination.

Geum

Beautiful hardy perennials, bearing a profusion of large, showy, double flowers the entire summer.

	Trade	Oz.
Atrosanguineum fl.-pl. Dark crimson. 2 ft.....	\$0 30	\$1 25

Lady Stratheden. Golden yellow. 2 ft	40	2 00
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Mrs. Bradshaw. Brilliant scarlet flowers. 2 ft.....	40	2 00
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Gypsophila · Baby's Breath

Oldhamiana. Bright pink, fragrant flowers. Hardy perennial.....	30	1 50
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Paniculata. Perennial. Graceful sprays of white flowers. 3 ft.....	15	40
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Paniculata fl.-pl. Perennial. Double white flowers. Comes 30 to 40 per cent true. 3 ft.....	50	3 50
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*Repens. A pretty trailing perennial with tiny white flowers. Fine for the rock-garden. 6 in.....	25	1 25
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*Repens rosea. Pinkish white flowers. 6 in.....	30	2 00
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Helenium

Autumnale superbum. Perennial. Large heads of golden yellow flowers. 3 ft.....	50	3 50
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Helianthemum · Rock-Rose

*Nummularium mutabile. Perennial. Very pretty rock-plant, with masses of blooms from July to September. Mixed colors. 8 in.....	25	80
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Heliopsis · Perennial Sunflower

Soleil d'Or. Double; golden yellow. 5 ft.....	20	75
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White Swan is the finest new Lily

Helleborus

	Trade	Oz.
Niger. Christmas Rose. Perennial. Seed germinates pkt. slowly. 15 in.....	\$0 25	\$0 75

Heuchera

	Trade	1/8oz.
Sanguinea. Coral-Bells. Hardy perennial. Small crimson flowers. Excellent for cutting. 2 ft.....	\$0 50	\$1 00
Brizoides. Bright rose. 2 1/2 ft.....	50	1 50

Hibiscus • Marshmallow

	Trade	pkt.	Oz.
Giant Dark Red. \$0 15	\$0 60		

Giant Pink.	15	60
Giant White.	15	60
Giant Choice Mixed	15	50

Hollyhock

Our seed of this popular perennial plant is saved from extra-fine double flowers and cannot be surpassed.

Triumph. A fine type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular strain. Choice mixed colors. Trade pkt. 40c.; \$2.00 per oz.

Double Newport Pink. Pure pink. Trade pkt. 30c.; \$1.50 per oz.; 1/4lb. \$4.50.

Chater's Double Maroon. Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.

Chater's Double Pink. Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.

Chater's Double Red. Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.

Chater's Double Salmon. Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.

Chater's Double White. Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.

Chater's Double Yellow. Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.

Chater's Double Mixed. Trade pkt. 25c.; \$1.00 per oz.; 1/4lb. \$3.50.

Double Everblooming Mixed. Blooms the first year. Trade pkt. 15c.; 50c. per oz.; 1/4lb. \$1.50.

SINGLE HOLLYHOCK

Mixed Colors. Trade pkt. 15c.; 50c. per oz.; 1/4lb. \$1.50.

See page 67 for Hollyhock Plants



Double Hollyhock

Honesty • Lunaria

	Trade	pkt.	Oz.
Biennis alba. Biennial. Admired for its silvery seed panicles. 3 ft.....	\$0 15	\$0 60	

Incarvillea

	Trade	pkt.	Oz.
Delavayi. Hardy Gloxinia. Perennial. A good plant for the hardy border, producing masses of showy, gloxinia-like flowers. Should be protected over the winter. 2 ft.....	50	4 00	

Lathyrus latifolius • Perennial Pea

A hardy climber, growing 6 feet high.

Crimson	15	50
Pink Beauty. Bright pink.....	15	50
White	15	50
Choice Mixed	15	40

Lavender • Lavandula

	Trade	Oz.
Vera. True Lavender. Perennial. Fragrant blue flowers. pkt. 2 ft.....	\$0 20	\$0 75

Liatris

Pycnostachya. A showy perennial border plant with rosy purple flowers. Excellent for cutting. 4 ft.....

Scariosa. An improved strain, with larger flowers and more spreading habit than the above. Clear rose-purple.

25	1 00
40	2 50

Lily • Lilium

White Swan. Michell Novelty. A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed.....

Philippinense formosanum. Resembles an Easter Lily. Will bloom in 6 to 8 months from time seed is sown. 3 ft.

Regale (*L. myriophyllum*). Perfectly hardy. Excellent for forcing. Flowers waxy white.....

Tenuifolium. Siberian Lily. Coral-red. 20 in.....

75	5 00
30	1 75
20	75
20	75

Linaria

Cymbalaria. Kenilworth Ivy. Perennial. For baskets, vases, etc. Flowers violet.....

30	1 50
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Linum • Flax

Flavum. Perennial. Yellow. 2 ft..... 1/4oz. \$1.00..

Perenne. Perennial. Large blue flowers. 1 1/2 ft.....

40	
15	40

Lobelia

Cardinalis. Cardinal Flower. Stately, perennial plants with spikes of cardinal-red flowers.....

50	6 00
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Lupinus polyphyllus

Effective perennial plants with large spikes of flowers.

Russell Lupins. This new strain of perennial Lupins has caused a sensation in horticultural circles. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. The florets are large with flat fanlike standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. We offer seed grown from the originator's stock..... 1/4oz. \$1.00..

Blue.....

50	3 50
15	25

Luteus. Yellow shades.....

25	1 00
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Moerheimi. Pink and white.....

20	75
----	----

Roseus. Soft pink.....

15	50
----	----

Salmon Queen. Salmon shades.....

30	1 50
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White.....

15	25
----	----

Mixed. All colors..... 1/4lb. 75c..

15	25
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New Hybrids, Mixed.....

20	75
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Lychnis

Hardy perennial plants of easy culture.

Arkwrighti. Fine new hybrids. Free flowering.....

25	1 25
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Chalcedonica. Scarlet cross-like flowers. 2 ft.....

15	40
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Haageana hybrida, Mixed. Various colors. 1 ft.....

30	1 50
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***Viscaria splendens.** Bright rose-red.....

20	1 00
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Matricaria • Feverfew

Golden Ball. Perennial. Bright yellow flowers. Dense habit. 8 in.....

40	2 00
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Myosotis • Forget-me-not

Alpestris, Victoria. Bright blue. Dwarf.....

30	1 50
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Blue Basket. Dark blue. Upright growth.....

30	2 00
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Dwarf Indigo Blue. A fine dark blue.....

30	1 50
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Grandiflora alba. White.....

20	75
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Grandiflora rosea. Pink.....

20	75
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Michell's Winter-flowering. The finest variety for forcing. Long stems. Large, deep blue flowers.....

40	2 00
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Palustris semperflorens. Everblooming. Blue.....

30	1 50
----	------

Choice Mixed.....

15	50
----	----

Nepeta

***Mussini.** A favorite perennial rock-plant with blue-gray foliage and pale mauve flowers.....

40	2 00
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We cheerfully recommend *Primula Veris Kleyni*



Oriental
Poppy

OENOTHERA · Evening Primrose

	Beautiful, free-flowering, hardy perennial plants.	Trade	Oz.
Missouriensis.	A prostrate-growing variety with bright pkt. yellow flowers.....	\$0 50	\$3 00
Youngi.	Showy, large yellow flowers.....	50	3 00

Pentstemon

Sensation.	Largely used for bedding. Should be treated the same as petunias, verbenas, etc. Mixed colors. 3 ft.	50	3 00
New Hybrids, Mixed.	Hardy perennial. Large spikes...	30	2 00

Polyanthus · Primula polyantha

	Spring-flowering perennials for pot-culture or the garden.	Trade	Oz.
Gold-laced.	Very showy.....	1/4oz.	\$2.00...
English, Mixed.	Single flowers.....	40	3 00

Hardy Phlox

Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring.	Trade pkt.	Oz.
Decussata, Mixed. Choice selection.....	\$0 40	\$2 00

Physalis · Chinese Lantern Plant

Franchetii.	Perennial. Orange-scarlet fruits. 2 1/2 ft.....	20	75
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Physostegia

Virginiana.	Perennial border plant with tubular, pink flowers. 4 ft.....	30	1 50
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PINKS. See Carnation and Dianthus.

Platycodon · Japanese Balloon Flower

A very desirable perennial that is excellent for the permanent border or among shrubbery.	Trade pkt.	Oz.
Grandiflorum. Blue. 28 in.....	\$0 25	\$1 00
Grandiflorum album. White. 28 in.....	25	1 00

Primulas

HARDY VARIETIES

The following varieties of Hardy Primulas are very popular. However, the germination of the seed is very slow.

***Veris Kleyni.** A new giant *Primula veris* which produces immense heads of 15 to 25 florets, each floret averaging 1 to 1 1/2 inches in diameter. Color rich golden yellow shaded apricot toward the center. The flowers are carried on heavy stems 8 to 12 inches long, and each plant produces 6 to 8 flower-spikes. Perfectly hardy outside, and can also be forced successfully for winter blooming. Ideal for the rockery. Trade pkt. (250 seeds), \$1.00; \$4.00 per 1000 seeds. Trade pkt. Oz.

***Veris, Mixed.** Cowslip..... \$0 40 \$2 50

***Veris, Giant Munstead Strain.** Flowers large, in beautiful shades, including yellow and white. 1 ft..... 50 6 00

***Vulgaris.** English Yellow Primrose..... 50 3 00

Poppy · Papaver

PERENNIAL VARIETIES

	Trade	Oz.
*Alpinum, Mixed. Dwarf alpine variety. Fine for the pkt. rockery. 8 in.....	\$0 50	\$4 00
Iceland (<i>P. nudicaule amurense</i>), Yellow Wonder. All- America Winner. This new Iceland Poppy is undoubt- edly the finest and largest-flowered variety to date. Flowers bright buttercup-yellow with a lighter center, and 4 inches across. Fine for cutting.....	40	2 50
Iceland, El Monte. Very large, tangerine-orange flowers. Comes true from seed. Fine for cutting.....	40	2 50
Iceland, Fakenham Hybrids. Flowers 2 1/2 to 3 inches across. Extremely free flowering. Finest mixed. 2 ft...	40	2 50
Iceland, Gartref New Hybrids. Fine range of art shades.	40	2 50
Iceland, Orange-Scarlet.	25	1 00
Iceland, White.	25	1 00
Iceland, Yellow.	25	1 00
Iceland, Single Mixed.	20	75
Iceland, Sunbeam. New. Splendid mixed hybrids.....	25	1 50
Oriente. Deep scarlet.....	20	75
Oriente, Mrs. Perry. Rich salmon-pink.....	50	3 50
Oriente, Royal Scarlet.	50	3 50
Oriente Hybrids, Mixed.	25	1 00

Polemonium · Jacob's Ladder

A good hardy perennial with bell-shaped flowers. 2 1/2 ft.

Cæruleum. Blue.....	15	50
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Pueraria · Kudzu Vine

Thunbergiana. Perennial climber. Rosy purple, pea- shaped flowers.....	15	40
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Pyrethrum hybridum

PERENNIAL VARIETIES

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two to three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2 1/2 ft.

	Trade pkt.	Oz.
Atrosanguineum. Single; dark red shades.....	\$0 50	\$2 50
Roseum. Single; pink shades.....	40	2 00
Uliginosum. Single; giant white.....	40	2 00
Hybridum, Single, Mixed.	30	1 50
Hybridum, Choice Double, Mixed.	50	3 50

Ranunculus

Asiaticus superbissimus, Mixed. A perennial plant, suitable for beds and borders or for pots. Fine for cutting. 1 ft.....	15	60
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Rudbeckia · Coneflower

Newmani. Perennial. Yellow with purple cone. 2 ft....	25	1 50
Purpurea. Giant Purple Coneflower. Perennial. Reddish purple with large brown center. 4 ft.....	25	1 00

Salvia

PERENNIAL VARIETIES

Azorea grandiflora. Perennial variety producing spikes of sky-blue flowers during August and September. 3 to 4 ft.	40	2 00
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Blue Bedder. Perennial. A new variety of Farinacea of very compact form. Flowers of a deep blue shade, borne profusely. Flowers from seed first year.....	50	3 00
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Farinacea. Perennial, but best grown as an annual. Light blue.....	30	1 50
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Patens. Rich deep blue.....	50	3 50
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Saponaria

*Ocymoides. Fine hardy plants for the rockery or border. Rose-colored flowers. 1 ft.....	15	60
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Sedum · Stonecrop

*Acre. Perennial. The well-known yellow variety. Very useful in the rock-garden..... 1/8oz. \$1.50...	75	
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Perennial Scabiosas are the finest of cut-flowers



Scabiosa caucasica

Scabiosa . Mourning Bride

PERENNIAL VARIETIES

The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Trade pkt. Oz.

Caucasica, Giant Hybrids. Isaac House Strain. A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use...	\$0 50	\$3 00
Columbaria Anthemifolia. A low-growing variety, producing large flowers from 2 to 2½ inches across, of a delightful shade of pink. A valuable florists' cut-flower...	40	2 50
Columbaria, Lavender.	40	2 50
Caucasica. Light blue.....	40	2 50
Caucasica alba. White.....	40	2 50
Japonica. Lavender-blue.....	15	50

Shasta Daisy

New Giant Double White. Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant aster..... $\frac{1}{16}$ oz. \$1.50..

50

Alaska. Pure white. Excellent for cutting..... 25 1 00

Conqueror. Giant-flowering white..... 20 75

Silene . Catchfly

Attractive, profuse-blooming perennial plants.

Schafta. Rose. 8 in..... 25 1 50

Statice . Everlasting Flower

Free-flowering perennial plants, valuable for cutting or decoration, either when fresh or in their dried state.

Trade pkt. Oz.

Caspia. Lilac. 3 ft.....	\$0 50	\$2 50
Dumosa. Silvery gray. 2½ ft.....	40	2 00
Latifolia. Large, deep blue flowers.....	25	1 00

Stokesia . Cornflower Aster

One of the most desirable hardy perennial plants for the border and excellent for cutting.

Trade pkt. Oz.

Cyanea. Lavender-blue..... \$0 30 \$1 50

Sweet Rocket . Hesperis

Trade pkt. Oz.

Mixed. Hardy perennial. Purple and white, fragrant flowers. 3 ft.....	\$0 15	\$0 40
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Sweet William . Dianthus barbatus

Trade pkt. Oz. $\frac{1}{4}$ lb.

*Dwarf or Alpine. A fine new strain of dwarf type, suitable for edging and rock-gardens. Color-range a selection of many bright and dark shades.	\$0 40	\$3 50
Auricula-flowered, Mixed. Single.....	15	50
Single, Crimson.	15	50
Single, Newport Pink. Salmon-pink.....	20	75
Single, Scarlet Beauty. Rich deep scarlet.....	20	75
Single, Velvety Maroon.	15	50
Single, White.	15	50
Single, Mixed. All colors.....	15	35
Sutton's Giant White. The finest large-flowering pure white Sweet William.....	25	1 25
Double, Mixed. All colors.....	15	60
		2 00

Thalictrum

Hardy perennial plants with finely cut foliage. Trade pkt. Oz.

Aquilegafolium. Columbine-like foliage. Feathery white flowers. 3½ ft.....	\$0 40	\$2 00
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Dipterocarpum. Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft.....	40	2 00
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Thermopsis

Caroliniana. Yellow, lupin-like flowers.....	40	2 00
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Tritoma . Red-Hot Poker

Hybrida, Mixed. Perennial. 2 ft.....	30	1 25
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Trollius . Globe Flower

Hardy perennial with large buttercup-shaped flowers. Trollius seed should be immersed in boiling water for 30 seconds before sowing.

Europaëus. Perennial. Bright yellow. 20 in.....	\$0 50	\$3 50
Hybridus. Perennial. Bright yellow, buttercup-shaped flowers. 2 ft.....	50	3 50

Valeriana . Garden Heliotrope

Mixed. Hardy perennial border plant, with large, fragrant flowers. Fine for bouquets. 3 ft.....	15	60
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Verbena

Bonariensis. New. Perennial species from Buenos Aires. Plants attain a height of 4 or 5 feet and bear numerous terminal sprays of Heliotrope flowers during July and August. This is a splendid type for cut-flowers.....	40	2 50
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Veronica . Speedwell

A showy, hardy perennial border plant of easy culture. Fine for bouquets.

Longifolia subsessilis. Long spikes of rich blue flowers. 2½ ft.....	\$0 30	\$1 50
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*Repens. A fine dwarf perennial rock-plant, with masses of bright blue flowers. 4 in.....	50	2 50
Spicata. Bright blue. 1½ ft.....	30	1 50

Violet . Viola odorata

Single Blue Czar. Hardy Garden Violet. Seed is of slow germination and should be sown in the fall and left outdoors over winter.....	50	2 50
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Wallflower

Double Mixed.	40	3 00
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Early-flowering, Double, Mixed. An extra-early variety, flowering from seed in 90 days.....	30	1 50
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Paris Extra-Early, Mixed. Single. Blooms the first year from seed. Excellent for forcing.....	15	40
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Single Mixed.	1/4lb. 75c.	15	25
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SEE PAGES 3 TO 28 FOR COMPLETE LIST OF SEEDS OF ANNUALS AND GREENHOUSE PLANTS

Michell's Vegetable Seed Specialties

for
Market
Gardeners



RADISH • Early Deep Scarlet Globe
Michell's Strain

In line with our usual custom, we have taken from our general list certain specially meritorious varieties of vegetable seeds to which we call, on this page, special attention. Planters will do well to include these sorts in their seed orders.

BROCCOLI . BROCOLI

Rapa or **40-Day**. A very early type of sprouting Broccoli, producing many small heads. The seed is broadcast thickly, and plants cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. A very fine "green." 10c. per oz.; 1/4lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

CABBAGE . CAVOLO CAPPUCIO

Perfection Drumhead Savoy. A crimped-leaved sort with deep glossy green, almost round heads, and distinctly flavored. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

CARROT

Imperator. This new Carrot is bound to become very popular as it combines attractive appearance with first-class quality. The roots are 7 to 8 inches long and taper gradually toward the tip. They are easily pulled. The fine-grained deep orange flesh is of exceptionally mild and sweet flavor. 15c. per oz.; 1/4lb. 45c.; \$1.40 per lb.

HYBRID SWEET CORN

Aristogold. This, one of the newer varieties of golden hybrid Sweet Corns, has proved very satisfactory—tender and exceptionally well flavored and produces a heavy crop. 40c. per lb.; 2 lbs. 75c.; \$1.75 per 5 lbs.

Hybrid Stowell's Evergreen. Hybrid Corns should have first preference because of the bigger and more uniform yield and better quality. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant, and a larger yielder of better filled ears. Plant Hybrid Stowell's Evergreen for your main crop. 40c. per lb.; 2 lbs. 75c.; \$1.75 per 5 lbs.

CUCUMBER . CETRIOLI

Colorado. Long; green. Very popular because of its excellent shape and good color. Exceptionally productive and highly resistant to disease. 20c. per oz.; 1/4lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00.

Early Market. One of the best Cukes for those who plant for profit, being early, uniform in shape and size, dark green in color, and averaging 8 inches long. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50.

Straight 8. Fine dark green color, free from white tips. Grows 8 inches long by about 1 1/2 inches thick and is of remarkably uniform straight shape. This is good for shipping or for home markets. 20c. per oz.; 1/4lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00.

ITALIAN DANDELION

Dente de Leone; Cichoria Catalogna

Newly introduced into this country and in great demand as "greens." The main stalk produces leaves resembling the broad-leaved Dandelion, but much longer. Cut and bunched same as asparagus. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.; 10 lbs. \$24.00.



LETUCE • Imperial No. 44

ENDIVE . INDIVIA

Full-Heart Batavian (Escarolle). Leaves broad, light green, nearly plain. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50.

FLORENCE FENNEL . FINOCCHIO

A delicious Italian vegetable which tastes quite like celery, but is a little sweeter and more delicate in flavor. The enlarged leaf-bases are usually boiled before serving. 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.

LETUCE

Imperial No. 44. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. 20c. per oz.; 1/4lb. 65c.; \$2.00 per lb.

MUSKMELON

Pride of Wisconsin. A new introduction with considerable merit. The rind is a gray color with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. 20c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$6.50; \$12.00 per 10 lbs.

ONION

White Bunching. An extra-fine variety for early spring and summer bunching. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. 20c. per oz.; 1/4lb. 60c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.

PARSLEY

Peerless. A fine selection of the Moss Curled type. This strain is very hardy, remains deep green when other varieties have turned yellow and is the right length for bunching. We recommend it for its color and exceptional growing qualities. 15c. per oz.; 1/4lb. 45c.; \$1.50 per lb.

RADISH

Early Deep Scarlet Globe (Michell's Strain). A special strain from transplanted roots. Very uniform in shape, color, and size. Unusually short tops. One of the best. 15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$5.00.

ITALIAN ROCKET . RUCOLA

Greatly relished in salads and quite tasty in soups. The leaves resemble sorrel. Slightly pungent. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00.

SQUASH . ZUCCA

Cocozelle or **Italian**. A bush variety with smooth dark green fruits striped lighter. 10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Michell's Vegetable Seeds

ARTICHOKE

Artichaut (Fr.) Artischoke (Ger.) Articcioca (Ital.)
One ounce will produce about 500 plants

Green Globe. The best for market and for general culture.

35c. per oz.; 1/4 lb. \$1.10; \$4.00 per lb.

For Artichoke Roots, see page 49

Asparagus Roots

(Ready about March 20 for spring planting; about October 10
for fall planting)

4000 to 6000 roots are required for an acre

We make a specialty of Asparagus Roots and have them grown for
us in large quantities. Special prices will be quoted in large lots.

2-yr. roots
100 By P. P. 1000

Giant Washington \$1 25 \$1 40 \$10 00

ASPARAGUS

Asperge (Fr.) Spargel (Ger.) Sparagio (Ital.)
Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

Our cultural Leaflet on Asparagus mailed free on request.

Giant Washington. A rust-resisting variety developed by the U. S.
Department of Agriculture. Long, stout, dark green spears with
purple tinge.

10c. per oz.; 1/4 lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Asparagus (By Hexamer)

A book on its culture for market and home use. Very comprehensive. Price \$1.10.

MICHELL'S DWARF BEANS

Haricots Nains (Fr.) Buschbohnen (Ger.) Fagioli Nani (Ital.)
Plant 90 pounds per acre; 2 pounds for a 100-foot row

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including
the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

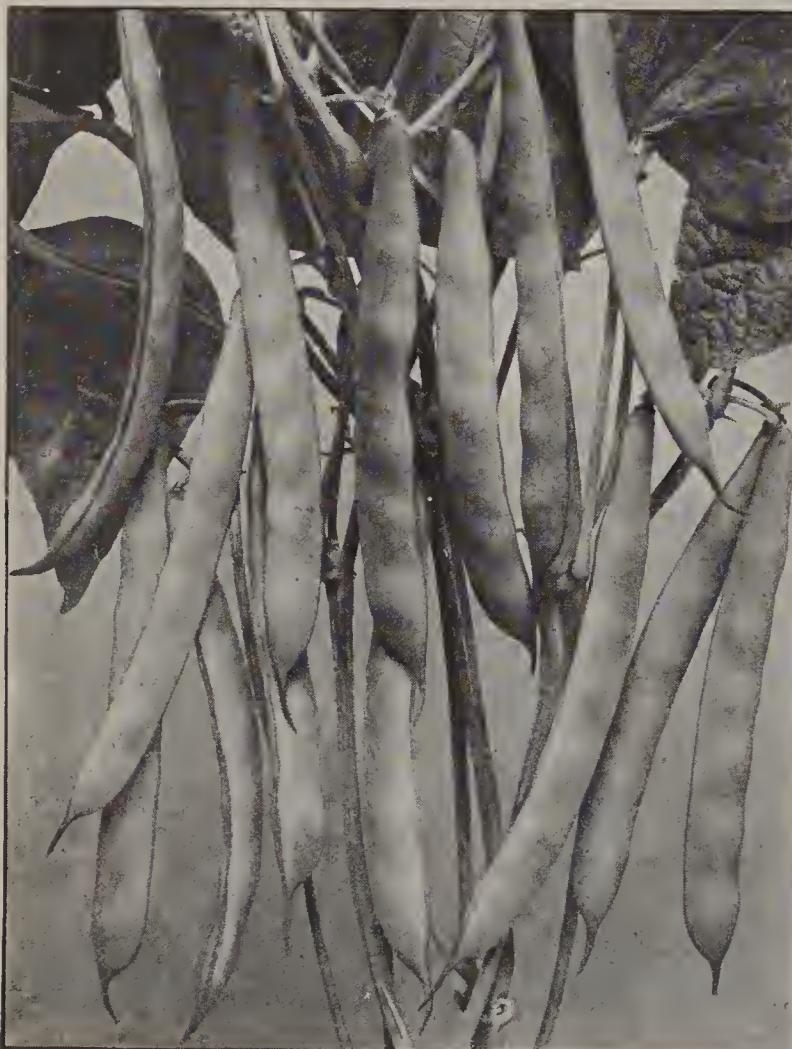
Green-podded Varieties

Bountiful. An early, flat-podded, stringless sort.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

Early Mohawk. Quite hardy. Large cropper. Flat pod.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$20.00



Bountiful Beans

All prices subject to market changes

Early Red Valentine. Extra early. Pods 5 to 6 inches long, round, thick, and of good quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Improved Stringless Green-Pod. A round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, slightly curved, very meaty.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Long-Pod Broad or Fava. An English variety, used in the dry state, shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$17.00

Mammoth or Giant Stringless. Large, round pods, 5 1/2 to 6 1/2 inches long. Good for market or home-garden.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

Masterpiece. A long, flat-podded variety especially suited for growing under glass, though it may be planted successfully outdoors.

35c. per lb.; 2 lbs. 65c.; \$2.80 per 10 lbs.

Stringless Black Valentine. Pods long and slender, semi-round, well flavored.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Tendergreen. Long, round, light green stringless pods of excellent quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

The Prince. This splendid variety is now very widely known. An immense cropper and comes into bearing very quickly, maturing in advance of other well-known early sorts. Pods often measure 11 to 12 inches in length, and are thick, fleshy, and stringless. Does especially well under glass.

40c. per lb.; 2 lbs. 75c.; \$3.25 per 10 lbs.

Triumph of the Frames. For forcing under glass or outdoor planting.

40c. per lb.; 2 lbs. 75c.; \$3.50 per 10 lbs.

Yellow-podded Varieties

Improved Rustproof Golden Wax. Rust-resistant. One of the best of the Wax Beans. Pods flat, of medium length and good quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

Pencil-Pod Black Wax. A round-podded, hardy sort that is entirely stringless.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

Round-podded Kidney or Brittle Wax. Stringless and rustproof. Very early.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

Stringless Refugee Wax. Round pods of good quality. Upright grower.

25c. per lb.; 2 lbs. 45c.; \$1.70 per 10 lbs.; 100 lbs. \$14.00

Sure-Crop Stringless Wax. Long, thick, flat pods of excellent quality.

25c. per lb.; 2 lbs. 45c.; \$1.70 per 10 lbs.; 100 lbs. \$15.00

Wardwell's Kidney Wax. Medium early. Long, thick, flat pods.

25c. per lb.; 2 lbs. 45c.; \$1.70 per 10 lbs.; 100 lbs. \$15.00

Dwarf Varieties of Shell Beans for Winter Use

Boston Navy or Pea. For soup and baking purposes.

25c. per lb.; 2 lbs. 45c.; \$1.50 per 10 lbs.; 100 lbs. \$12.00

Dwarf Horticultural. Thick, flat, stringless pods, colored red and green.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

Red Kidney. 20c. per lb.; 2 lbs. 35c.; \$1.50 per 10 lbs.; 100 lbs. \$12.00

White Marrowfat. Larger than the Boston Navy or Pea.

20c. per lb.; 2 lbs. 35c.; \$1.50 per 10 lbs.; 100 lbs. \$12.00

MICHELL'S POLE or RUNNING BEANS

Haricots a rames (Fr.) Stangenbohnen (Ger.) Fagioli (Ital.)

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

Giant-podded Asparagus or Yard-Long. Pods measure 2 feet or more in length and are tender and of excellent quality.

35c. per 1/2 lb.; 1 lb. 60c.

Golden Cluster Wax. Deep yellow, stringless, flat pods frequently 8 inches long, and maturing in about 85 days. Heavy yielder.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Horticultural or Speckled Cranberry. Long, pale green pods which become streaked with red when mature.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Kentucky Wonder or Old Homestead. Long, round, tender, green pods that are practically stringless.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00

Scarlet Runner. Used principally for its flowering qualities but this green-podded variety makes a fine winter Shell Bean.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.

Pole Lima Beans

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Carpinteria. Large pods containing 4 or 5 Beans. Very prolific. A good early variety.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Challenger or Dreer's Improved. Somewhat smaller than other Limas. Early, prolific, and of delicious flavor.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

Giant-podded. Produces clusters of gigantic pods, well filled with nice-sized white Beans.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

King of the Garden. A strong grower, and exceedingly productive of Beans that retain the good flavor of the Lima.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

Michell's Evergreen. Extra-early, remarkably productive variety that continues bearing Beans of good flavor until frost.

30c. per lb.; 2 lbs. 55c.; \$2.00 per 10 lbs.; 100 lbs. \$15.00

Sieva or Carolina. Small, flat Beans of fine quality. Heavy yielder.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Bush or Dwarf Lima Beans

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties but they are not so prolific.

Burpee's Improved. A very productive variety. Beans large and of excellent quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

Fordhook. One of the best types of Bush Lima. Distinct, upright growth, with pods borne in clusters well above the ground and frequently containing as many as four luscious Beans. Matures early and continues in bearing until frost.

30c. per lb.; 2 lbs. 55c.; \$2.00 per 10 lbs.; 100 lbs. \$16.00

Henderson's. Large clusters of pods containing small, flat Beans.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Wilson's Improved. Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima; also much more prolific.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$17.00



McCREA

Something new in a Bush Lima

An ideal sort for the home-garden and fine for canning, as the Beans retain their green color and fine flavor. The stocky bush produces medium-sized pods, containing from 3 to 5 thick Beans, of extra-fine quality, distinct from other Bush Limas.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$20.00

Nitrogen Bacteria for Beans

LEGUME-AID. If you want your Bean patch to yield earlier and better, inoculate the seed before planting with nitrogen bacteria. See page 94. When ordering, be sure to specify wanted for garden Beans, as each leguminous crop requires a separate culture.

Semesan

Disinfection of Bean seeds by dusting with Semesan destroys surface-borne seed diseases and increases stand and yield. See page 93.

CEDAR BEAN-POLES (Pointed). Extra-selected quality. About 10 feet long. \$2.00 per doz.; 25 for \$3.75; \$7.00 for 50; 100 for \$12.00.

Broccoli

One ounce will produce 3000 plants

Early Green Calabrese. The variety so much sought by the Italian trade and which has become quite popular in our American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small loose heads.

25c. per oz.; 1/4 lb. 75c.; \$2.60 per lb.

Rapa or 40-Day. A very early type of sprouting Broccoli, producing many small heads. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Very fine "green."

10c. per oz.; 1/4 lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

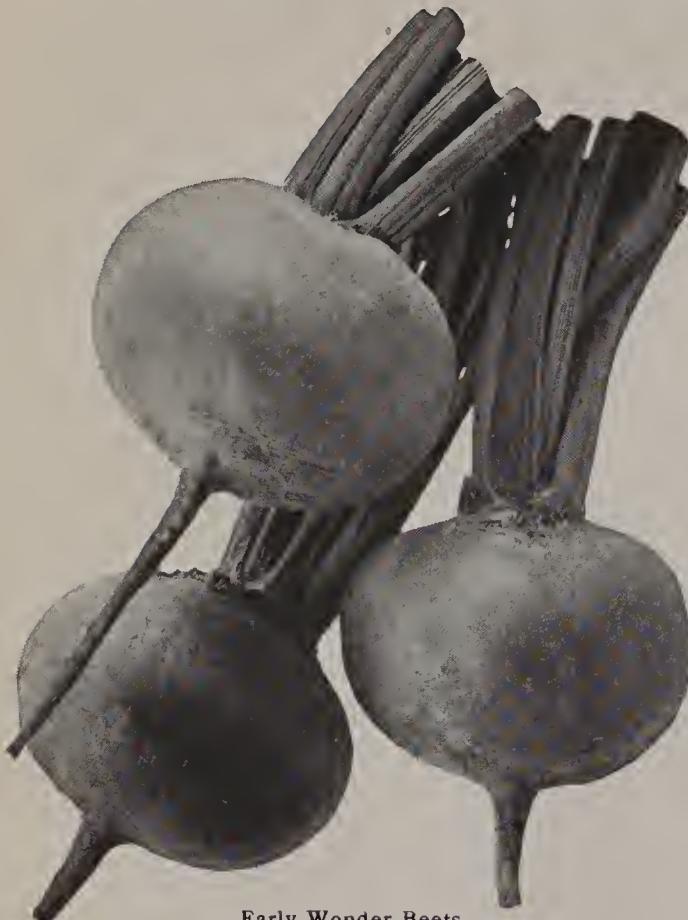
White Cape. This excellent variety forms heads of creamy white color and good flavor, quite equal to cauliflower. Our seed is of a superior strain.

25c. per oz.; 1/4 lb. 75c.; \$2.75 per lb.



Early Green Calabrese Broccoli

All prices subject to market changes



Early Wonder Beets

Swiss Chard • Spinach Beet

Poire (Fr.) Beisskohl (Ger.) Bieta (Ital.)
One ounce will sow a row about 50 feet long

Dark Green Curled. Smooth, tender, and of fine flavor.
10c. per oz.; 1/4lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.
Giant Lucullus. Plants grow 2 to 2 1/2 feet high with stalks quite thick and broad and long, crinkly leaves.
10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

BRUSSELS SPROUTS

One ounce will produce about 3000 plants

Michell's Mammoth Fancy. We have an exceptionally fine strain, recommended by an old-time gardener who has been improving them from year to year. Compact dwarf type, having stems covered with fancy, solid Sprouts.
20c. per oz.; 1/4lb. 60c.; \$2.00 per lb.
Long Island Half-Dwarf. Compact heads. Very productive.
20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.
Matchless Improved. Large, handsome Sprouts. Somewhat later than Long Island Half-Dwarf.
20c. per oz.; 1/4lb. 50c.; \$1.50 per lb.
For Brussels Sprouts Plants, see page 49

CAULIFLOWER

Chou-fleur (Fr.) Blumenkohl (Ger.) Cavol Fiore (Ital.)
One ounce will produce about 3000 plants

New White Wonder. An improved strain, developed and bred for the critical market-gardeners' trade. We have received reports that it is 10 days earlier than Snowball. Exceptionally even, good-sized, very solid heads, fine grained and of a pure, snowy white which does not turn yellow even when exposed to bright sunlight. Trade pkt. 50c.; \$1.25 per 1/4oz.; 1/2oz. \$2.00; \$3.75 per oz.; 1/4lb. \$10.00; \$35.00 per lb.
Danish Giant or Dry Weather. An ideal variety for summer use as it stands drought and heat better than other sorts. Heads large, snow-white.
Pkt. 20c.; trade pkt. 40c.;
70c. per 1/4oz.; 1/2oz. \$1.25; \$2.00 per oz.; 1/4lb. \$6.50; \$24.00 per lb.

Michell's Early Snowstorm. Colossal heads of purest white; often 10 inches in diameter. Desirable for its earliness under glass, but does equally well in late spring, summer, or autumn outdoors.
Pkt. 20c.; trade pkt. 40c.;
\$1.00 per 1/4oz.; 1/2oz. \$1.50; \$2.75 per oz.; 1/4lb. \$8.00; \$30.00 per lb.

Early Selected Erfurt. One of the earliest. Pkt. 15c.; trade pkt. 35c.; 75c. per 1/4oz.; 1/2oz. \$1.25; \$1.75 per oz.; 1/4lb. \$6.25; \$24.00 per lb.
Early Snowball. Pkt. 20c.; trade pkt. 40c.;
70c. per 1/4oz.; 1/2oz. \$1.25; \$2.00 per oz.; 1/4lb. \$6.50; \$25.00 per lb.

Veitch's Autumn Giant. A very desirable large late variety.
30c. per 1/2oz.; oz. 45c.; \$1.35 per 1/4lb.; 1lb. \$4.50

MICHELL'S CHOICE BEET SEED

Betterave (Fr.) Rote Ruebe (Ger.) Barbabietola (Ital.)
One ounce will sow a row about 50 feet long; 5 pounds, an acre

GOOD-FOR-ALL

A new addition to the Beet family

This fine variety matures nearly as early as Crosby's Egyptian. It is suitable for table or canning when half grown and is uniform in size and shape; dark red inside and out; smooth and almost globular.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Bassano Extra Early. Flesh white and rose colored.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Crimson Globe. Rich deep red. Good for sowing early for forcing and summer use.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Crosby's Egyptian. Special Strain. A special selection of the regular strain. Repeated tests have proved it to be a darker red and much earlier. Extremely tender. An early spring and winter variety; good keeper.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Crosby's Egyptian. Usual Strain. Rich blood-red throughout.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Detroit Dark Red. Michell's Speci 1 Strain. A selected strain of this early, globe-shaped variety. Very tender; an excellent winter keeper.

15c. per oz.; 1/4lb. 35c.; \$1.15 per lb.; 5 lbs. \$5.50; \$10.50 per 10 lbs.

Detroit Dark Red. Usual Strain.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Early Wonder. An extra-early, globe-shaped variety of good size, smooth, handsome, dark blood-red and of excellent quality. Desirable sort for canning.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Lentz Early. Turnip-shaped. Fine for sowing in hotbeds and outdoors. Early.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Michell's Winter Keeper. Globe-shaped. One of the best winter varieties.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Write for prices on larger quantities

Mangel-Wurzel • Cattle Beets

Seed selected from specimen roots

Sow 6 pounds per acre in May or June, in rows 2 feet apart, and thin out to 9 to 12 inches in the row. They provide excellent winter food for cattle, sheep, hogs, and poultry.

Golden Tankard. The best long yellow Mangel in cultivation.

20c. per 1/4lb.; lb. 60c.; \$2.75 per 5 lbs.; 10 lbs. \$5.00

Lane's Improved White Sugar. One of the best for stock feeding.

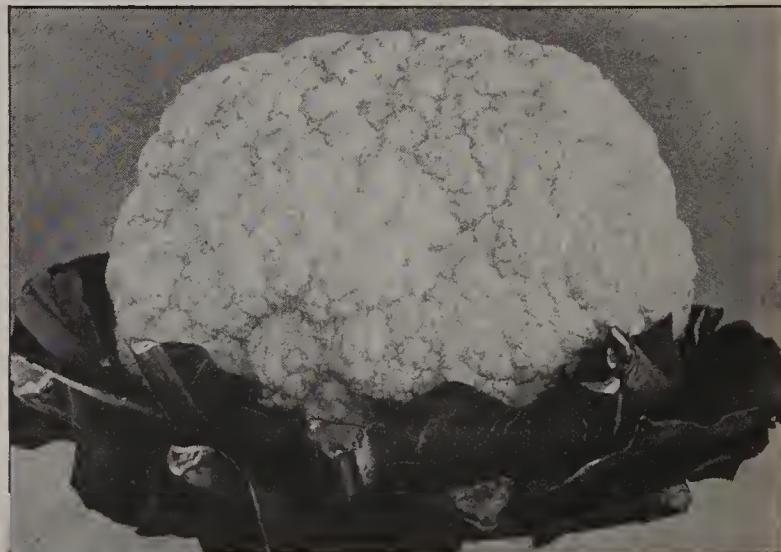
20c. per 1/4lb.; lb. 60c.; \$2.75 per 5 lbs.; 10 lbs. \$5.00

Mammoth Long Red. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best red Mangel.

20c. per 1/4lb.; lb. 60c.; \$2.75 per 5 lbs.; 10 lbs. \$5.00

CUPROCIDE (Cuprous Oxide)

An excellent material for the treatment of Beet seed before sowing to prevent the fungous disease known as damping-off.
4 ozs. 35c.; 90c. per lb.;
5 lbs. \$4.00; \$10.00 per 24 lbs.; 250 lbs. \$96.25



Michell's Early Snowstorm Cauliflower

MICHELL'S CHOICE CABBAGE SEED

Chou pomme (Fr.) Kopf Kohl (Ger.) Cavolo Cappuccio (Ital.)
One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Yellows-Resistant Varieties

Marion Market. A very large, round head. Early. Good shipper and a reliable sort for early kraut. 45c. per oz.; 1/4lb. \$1.50; \$6.00 per lb.

Jersey Queen. The first of the resistant types to mature.

30c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.

Wisconsin (Hollander). Splendid late Cabbage. The heads are large and very firm. Good keeper. 30c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.

Early Varieties

Copenhagen Market. An early, round-headed variety, frequently weighing as much as 10 pounds. Our stock is imported and the best the market affords.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

Extra-Early Jersey Wakefield. Uniform, pointed heads. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts.

25c. per oz.; 1/4lb. 80c.; \$2.75 per lb.

Golden Acre. Plants dwarf, with uniform, medium-sized, round, solid heads averaging 5 pounds, and with few outer leaves, making it suitable for close planting.

25c. per oz.; 1/4lb. 85c.; \$3.00 per lb.

Green Acre. A new type of extra-early, round-headed Cabbage. Des- tined to be very popular.

35c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.

Allhead. Roundish flat.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

Babyhead. Early. Small, round, solid heads. Well adapted for growing under glass.

35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.

Charleston or Large Wakefield. Similar to the Early Wakefield.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

Henderson's Early Summer. Heads roundish flat and solid.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

Late or Winter Varieties

Danish Ballhead. *Coll Stem.* Unequalled for size and keeping qualities. It is ideal for cole slaw, sauer kraut, etc., being crisp, tender and sweet.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

Danish Roundhead. *Short Stem.* Heads exceptionally hard. Excellent for sauer kraut.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

Late Flat Dutch. This seed has been selected especially for our trade, being taken from the finest type of heads which are selected for solidity and uniformity.

25c. per oz.; 1/4lb. 60c.; \$2.00 per lb.

Mammoth Red Rock. An excellent red variety and a good winter keeper. Heads globe-shaped, slightly flattened, and very hard.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.



Copenhagen Market Cabbage

Perfection Drumhead Savoy. A crimped-leaved sort with almost round heads.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

All Seasons or Vandergaw.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

Red Dutch Drumhead.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

Chinese or Celery Cabbage

Pe-Tsai. Resembles a head of Romaine lettuce, but has the curly feature of Silesian lettuce, and a broad rib. Can be planted as a spring or autumn crop; for the latter the seed is sown in July.

15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.

Wong Bok. Easily grown and can be served in numerous ways. Does not grow quite as tall as Pe-Tsai, but is thicker through. Heads elongated, self-folding, and requires no blanching.

15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.

For Cabbage Plants, see page 49

MICHELL'S CHOICE CARROT SEED

Carotte (Fr.) Karotte (Ger.) Carota (Ital.)
One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre

California Bunching. A recent introduction of fine quality. Tops short. Foliage coarsely cut. Roots red, 1 to 1 1/2 inches in diameter and about 8 inches long.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Chantenay Half-Long. *Special Strain.* Selected for earliness and uniformity. Its tenderness and fine flavor have proved it a superior stock. Orange-scarlet, tender, fine-grained flesh; 5 inches long; stump-rooted.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Chantenay Half-Long. *Usual Strain.* 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Danvers Half-Long. Rich orange, 6 to 7 inches long, stump-rooted. Heavy yielder and good keeper. Valuable both for the table and stock-feeding. We have an extra-fine strain of this favorite sort.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Coreless or Nantes Half-Long. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Early Scarlet Horn. Stump-rooted, about 6 inches long.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Guerande or Oxheart. Not over 3 to 4 inches long.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Imperator. This new Carrot is bound to become very popular as it combines attractive appearance with first-class quality. The roots are 7 to 8 inches long, tapering gradually toward the tip. They are easily pulled. The fine-grained, deep orange flesh is of exceptionally mild and sweet flavor.

15c. per oz.; 1/4lb. 45c.; \$1.40 per lb.

Improved Long Orange. Pointed root. 10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Rubicon Half-Long. Orange-red flesh; stump-rooted.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Very Early Short Horn or French Forcing. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

White Belgian. Used principally for stock. 10c. per oz.; 1/4lb. 25c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

CHERVIL

One ounce will sow a row 50 feet long

Double Curled. Aromatic plant for dressing and seasoning. 15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.

CHICORY

Witloof or French Endive. Produces solid, oblong heads and blanches ivory-white. When lifting, cut whole head with a part of the roots, to hold the leaves together. It is considered a splendid winter salad. 15c. per oz.; 1/4lb. 50c.; \$1.75 per lb.

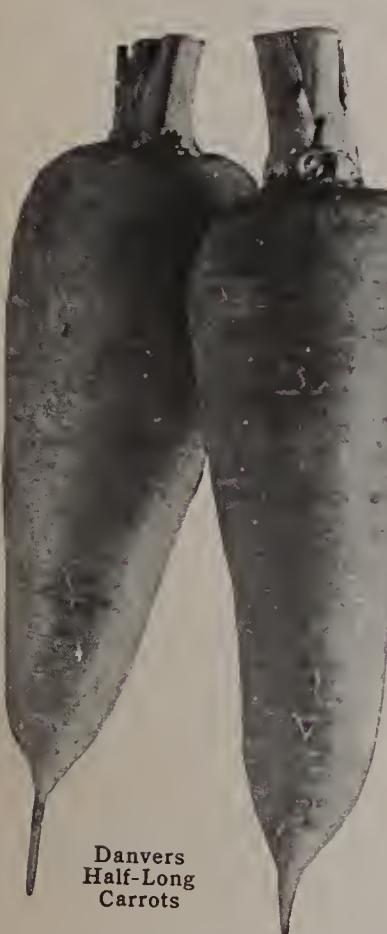
CHIVES . Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild onion taste. The plants are hardy and will last for years.

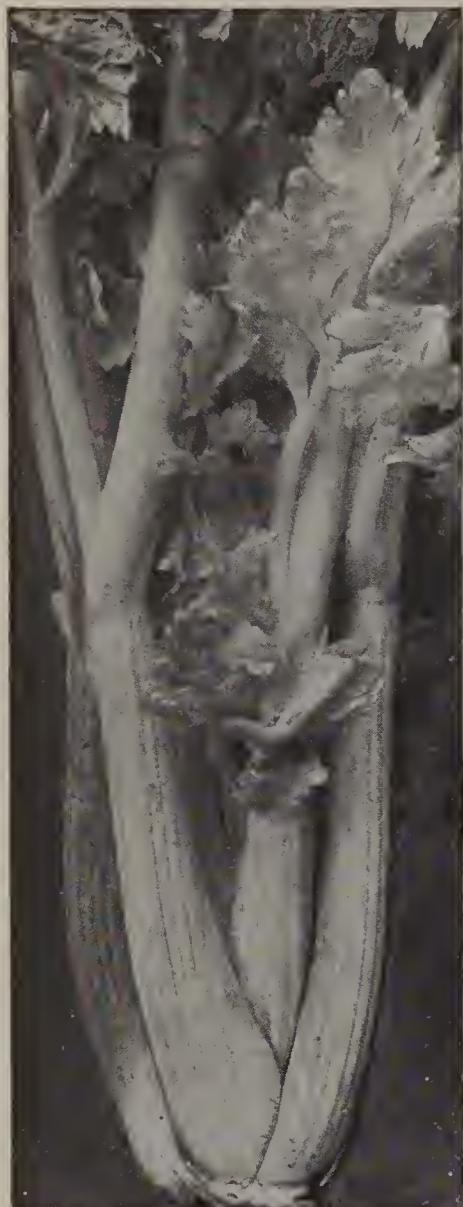
Seed. 35c. per oz.; 1/4lb. \$1.00; \$3.25 per lb.

For Chive Plants, see page 49

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order



Danvers Half-Long Carrots



Golden Plume Celery



Early Market Cucumber

MICHELL'S CHOICE CELERY

Celeri (Fr.) Sellerie (Ger.) Sedano (Ital.)
One ounce will produce 3000 to 5000 plants; $\frac{1}{2}$ pound sow an acre

Early Varieties

Crispheart. A new early green Celery with broad, thick stalks 9 to 10 inches long. Full, compact hearts of exceptional crispness and flavor.	\$1.25 per oz.; $\frac{1}{4}$ lb. \$4.50; \$15.00 per lb.
Easy-Blanching. Special Strain Pennsylvania-grown Seed. An improved type of Easy-blanching Celery, being superior in every way. Large, fine-grained, of delicious flavor, with big, full heart and plenty of edible outside stalks. Plants set out in June are ready for market the early part of September. Our stock is carefully selected for type and quality.	50c. per $\frac{1}{2}$ oz.; oz. 90c.; \$3.25 per $\frac{1}{4}$ lb.; lb. \$12.00
Easy-Blanching. Usual Strain.	35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.
Golden Plume. Special Strain. This strain has proved worthy of special mention as to earliness, type, and general appearance; in other words, it is "perfection." Of fine flavor and without strings; solid, crisp, and tender. A trial will convince you.	60c. per $\frac{1}{2}$ oz.; oz. \$1.00; \$3.60 per $\frac{1}{4}$ lb.; lb. \$14.00
Golden Plume. Usual Strain.	25c. per $\frac{1}{2}$ oz.; oz. 40c.; \$1.35 per $\frac{1}{4}$ lb.; lb. \$5.00
Golden Self-Blanching. American-grown Seed. From seed-stock renewed annually from France.	25c. per $\frac{1}{2}$ oz.; oz. 40c.; \$1.35 per $\frac{1}{4}$ lb.; lb. \$5.00
White Plume. The standard early market variety.	25c. per oz.; $\frac{1}{4}$ lb. 65c.; \$2.25 per lb.

Late Winter Varieties

Emperor. Dwarf-growing, very brittle, and of extra-fine flavor. Good winter keeper.	35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.
Giant Pascal. Fine for use during February and March.	25c. per oz.; $\frac{1}{4}$ lb. 70c.; \$2.50 per lb.
Salt Lake or Utah. An excellent green variety for all uses. Matures about a week or 10 days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality and rich nutty flavor.	70c. per $\frac{1}{2}$ oz.; oz. \$1.25; \$4.50 per $\frac{1}{4}$ lb.; lb. \$15.00
Winter King. Solid, crisp and of fine flavor.	25c. per oz.; $\frac{1}{4}$ lb. 70c.; \$2.50 per lb.
Winter Queen. A medium-tall, solid variety.	25c. per oz.; $\frac{1}{4}$ lb. 65c.; \$2.25 per lb.

Celeriac

The leaves are cut when young and used to flavor soups and meats; roots are boiled, sliced, cooled, and served as a salad.

Giant Prague.

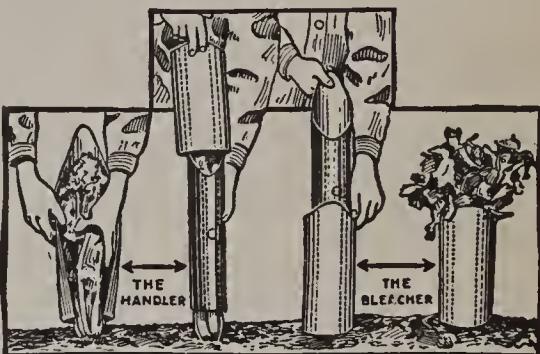
25c. per oz.; $\frac{1}{4}$ lb. 65c.; \$2.25 per lb.

Celery Paper

For winter protection. In 500 sq.-ft. rolls. \$2.00 per roll; 5-roll lots, at \$1.85 per roll; 10-roll lots, at \$1.60 per roll.

Celery Tape

Fast red, in spools of 1000 yards, \$3.50; Green, in spools of 1000 yards, \$3.00.



It's easy to put on the Bleaching tubes with the Celery Handler

Celery Bleachers

A practical, inexpensive device for bleaching early celery, made from a special process paper which is sufficiently water proof to stand wet weather.

No.	Size	Per 100	Per 1000
B-2.	$6\frac{1}{2}$ x 13 in.	\$2 00	\$14 00
B-3.	7 x 14 in.	2 25	16 00

Celery Handler

H-1. Brass, \$2.75 each.
H-2. Tin, 95c. each.

MICHELL'S CUCUMBERS

Concombre (Fr.) Gurken (Ger.) Cetriolo (Ital.)
One ounce will sow 60 hills; 2 to 3 pounds, an acre

Arlington White Spine. The leading sort for the market garden and for growing under glass. Fruit smooth, deep green, and uniformly 8 inches in length. 15c. per oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50

Colorado. Long; green. Very popular because of its excellent shape and good color. Exceptionally productive and highly resistant to disease. 20c. per oz.; $\frac{1}{4}$ lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00

Early Market. Retains its dark green color and is, without doubt, one of the best Cukes for those who plant for profit. Uniform in shape and size, averaging 8 inches in length. 15c. per oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50

Improved Long Green. A well-known sort and desirable for market. Fruits average 1 foot in length. 15c. per oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50

Straight 8. Fine dark green color, free of white tips. Grows 8 inches long by about $1\frac{1}{2}$ inches thick, and is of remarkably uniform straight shape. This is good for shipping or for home markets.

20c. per oz.; $\frac{1}{4}$ lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00

Japanese Climbing. A trellis variety. Vine very ornamental. 15c. per oz.; $\frac{1}{4}$ lb. 50c.; \$1.50 per lb.

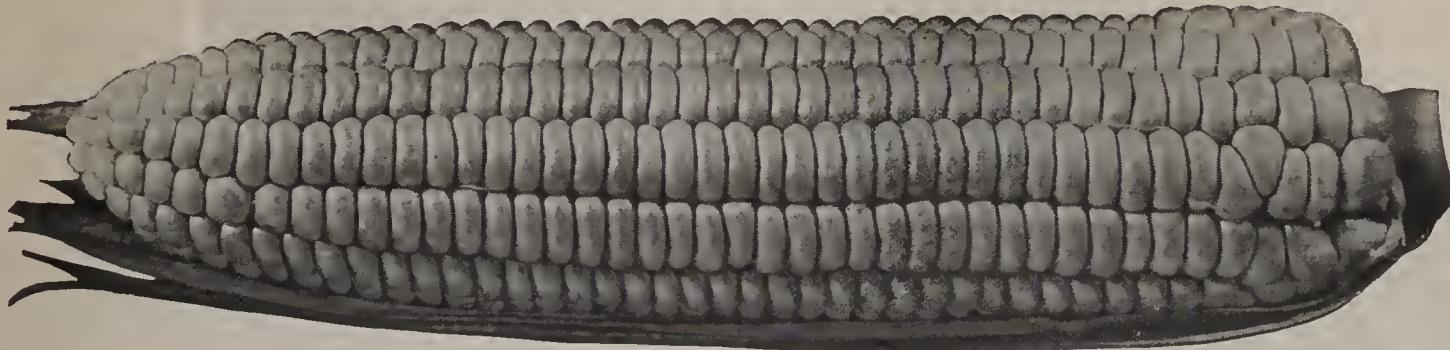
Jersey Pickle or Green Prolific. Makes ideal "Dill Pickles." 15c. per oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.; 10 lbs. \$9.00

Davis Perfect. 10c. per oz.; $\frac{1}{4}$ lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

Early Fortune. 10c. per oz.; $\frac{1}{4}$ lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

Gherkin or Burr Cucumber. For pickling only. Small fruits; prickly when green. 20c. per oz.; $\frac{1}{4}$ lb. 55c.; \$1.75 per lb.

All seeds on this page mailed free at prices quoted in quantities up to 10 pounds



Aristogold Hybrid Sweet Corn

MICHELL'S SELECTED SUGAR CORN

Mais (Fr.) Mais (Ger.) Grano Turco (Ital.)

One pound will plant about 150 hills; 12 to 15 pounds, an acre

If Sugar Corn is wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

Early Varieties

HYBRID SWEET CORN

Aristogold. This is one of the newer varieties of golden hybrid Sweet Corn and has proved very satisfactory. Tender and exceptionally well flavored and produces a heavy crop.

40c. per lb.; 2 lbs. 75c.; \$1.75 per 5 lbs.

Adams Extra Early. Medium-sized ears; white grains. 20c. per lb.; 2 lbs. 35c.; 80c. per 5 lbs.; 10 lbs. \$1.50; \$3.50 per 25 lbs.; 100 lbs. \$12.00

Early Mayflower. Dwarf in growth. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Golden Bantam. One of the sweetest and earliest varieties. Ears of medium size; grains yellow, delicious. 30c. per lb.; 2 lbs. 55c.; \$1.25 per 5 lbs.; 10 lbs. \$2.30; \$5.00 per 25 lbs.; 100 lbs. \$14.00

Golden Cross Bantam. A new disease-resistant variety. This hybrid of the Bantam type is early and has a much larger stalk than the regular Bantam strain. Ears 7 to 8 inches long, with 12 to 14 rows of fair-sized kernels. The best of the yellow varieties developed up to the present time. Ready for use in about 86 days from planting. 40c. per lb.; 2 lbs. 75c.; \$1.75 per 5 lbs.; 10 lbs. \$3.20; \$7.50 per 25 lbs.

Golden Giant. Ears of good quality, somewhat larger than Golden Bantam. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Golden Sunshine. Very early, maturing 7 to 10 days before Golden Bantam. Ears 6½ inches long, with broad, sweet grains. 30c. per lb.; 2 lbs. 55c.; \$1.25 per 5 lbs.; 10 lbs. \$2.30; \$5.00 per 25 lbs.; 100 lbs. \$14.00

Whipple's Early Yellow. Large ears of exceptional quality. A fine Corn for the garden and commercial growers as well. Stalks large, often producing two marketable ears 8 to 9 inches long and with 14 rows of broad, deep kernels. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$14.00

Medium Varieties

Bantam Evergreen. An excellent yellow. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Black Mexican. Grains white when young; ears medium size. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Early Evergreen. Ripens about 10 days earlier than Stowell's. Large. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Howling Mob. Ears of large size. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Kendel's Early Giant. Large ears with big, deep grains. A good variety to grow for market-garden trade. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Philadelphia Favorite. Of Pennsylvania origin and marketed in Philadelphia and vicinity for a number of years. Often produces two nice 8- to 9-inch ears to a stalk with sweet, pearly white kernels. Matures in 75 to 78 days, depending on location. 30c. per lb.; 2 lbs. 55c.; \$1.25 per 5 lbs.; 10 lbs. \$2.30; \$5.00 per 25 lbs.; 100 lbs. \$14.00

Stabler's Early. Standard market-garden sort. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Late Varieties

Country Gentleman. Large ears, with deep, very sweet grains which are staged irregularly on the cob. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$14.00

Little Gem or Shoe Peg (Ne Plus Ultra). 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$14.00

Stowell's Evergreen. The best late Corn grown. Ears extra large, and produced in great abundance. Stalks often grow to a height of 7 feet. In sweetness it is unexcelled. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

Hybrid Stowell's Evergreen. Hybrid Corns should have first preference because of their bigger and more uniform yield and better quality. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant and a larger yielder of better filled ears. Plant Hybrid Stowell's Evergreen for your main crop. 40c. per lb.; 2 lbs. 75c.; \$1.75 per 5 lbs.

Pop Corn (Shelled)

Queen's Golden. 17c. per lb.; 3 lbs. 48c.
Snowflake. 17c. per lb.; 3 lbs. 48c.

COLLARDS

One ounce of seed will produce 3000 plants

Georgia or Southern. Extensively grown in the South and used as "greens" during the winter months. Planted much like cabbage. 10c. per oz.; 1/4 lb. 25c.; 65c. per lb.; 5 lbs. \$3.00

CORN SALAD . Fetticus

Mache Ronde (Fr.) Ackersalat (Ger.)

Large-leaved, Round-seeded. Principally sown for a supply of "greens" during winter and early spring months. 10c. per oz.; 1/4 lb. 35c.; \$1.10 per lb.; 5 lbs. \$5.25; \$10.00 per 10 lbs.

GARDEN CRESS . Pepper Grass

Extra Curled. Has a pungent taste and makes a very tasty salad. 10c. per oz.; 1/4 lb. 25c.; 65c. per lb.; 5 lbs. \$3.00

WATER-CRESS

True Erfurt. This may be sown early in spring near the brink of a pond of spring water or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity. 25c. per oz.; 1/4 lb. 90c.; \$3.50 per lb.

DANDELION

Pissenlit (Fr.) Loewenzahn (Ger.) Dente de leone (Ital.)

Italian (Cichoria Catalogna). A new introduction in this country and is in great demand as a green. It is cut and bunched same as asparagus. 25c. per oz.; 1/4 lb. 75c.; \$2.50 per lb.; 5 lbs. \$12.00

Thick-leaved or Cabbaging. This is far superior to the common variety, having much broader and longer foliage. We offer a very fine stock. 40c. per oz.; 1/4 lb. \$1.15; \$4.00 per lb.; 5 lbs. \$19.50

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order



Full-Heart Batavian Endive

ENDIVE • Chicory

Chicoree (Fr.) Endivien (Ger.) Indivia (Ital.)

One ounce will sow 200 feet of row

Full-Heart Batavian (Escarolle). Leaves broad, light green, nearly plain. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50

Giant Fringed. Oyster Endive. Large white heart and broad leaves. 15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

Improved Green Curled. An improvement over the common green variety, producing a larger head and more leaves. 15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

White Curled. (Self-blanching.) Always crisp and tender. 15c. per oz.; 1/4lb. 35c.; 60c. per lb.; 10 lbs. \$5.00



Black Beauty Eggplants

Selected New Jersey-Grown Seed

Black Beauty. An extra-early, large, almost black variety with few seeds. Very prolific. 40c. per oz.; 1/4lb. \$1.25; \$4.00 per lb.

New York Improved. 40c. per oz.; 1/4lb. \$1.25; \$4.00 per lb. For Eggplant Plants, see page 49

Seeds of Culinary and Medicinal Herbs

	1/2oz.	Oz.	1/4lb.	Lb.
Anise		\$0 10	\$0 30	\$1 00
Borage		10	30	1 00
Caraway		10	25	75
*Catnip	Pkt. 15c.	\$0 25	40	1 25 4 50
*Chamomile		50	1 50	6 00
*Chives		45	1 25	4 50
Coriander		10	25	60
Dill		10	20	60
Fennel, Finocchio or Florence		10	30	1 00
Fennel, Sweet		10	25	75
*Lavender		25	85	3 00
*Mint. Peppermint	Pkt. 20c.	2 60	5 00	
*Pennyroyal		30	50	1 85
*Rosemary		25	40	1 35 5 00
Saffron		20	60	2 00
*Sage		20	60	2 00
Savory, Summer		10	35	1 00
*Savory, Winter		35	1 00	3 50
Sweet Basil		15	45	1 50
Sweet Marjoram		20	60	2 00
*Thyme, Broad-leaved		45	1 25	4 50

*Varieties are hardy or perennial, while others must be planted each season

GARLIC SETS

Ail (Fr.) Knoblauch (Ger.) Aglio (Ital.)

Used extensively in the French method of cooking. 25c. per lb. (by Parcel Post, 35c.); 5 lbs. \$1.15 (by Parcel Post, \$1.30); \$2.00 per 10 lbs. (by Parcel Post, \$2.20).

HORSERADISH ROOTS

Ready in March

Maliner Kren (Bohemian). A quick-growing variety and the very best Horseradish grown. Large, strong cuttings.

\$1.25 per 100 (by Parcel Post, \$1.35); per 1000, \$8.00

KALE • Borecole

Chou Vert (Fr.) Blatterkohl (Ger.) Cavolo Verde (Ital.)

One ounce will sow 150 feet of drill; 3 pounds, an acre

Dwarf Blue Scotch. Similar to Dwarf Green Curled, except that it is of a bluish green color and of dwarfer habit.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Dwarf Green Curled. Very compact, rarely attaining a height of over 6 inches. Leaves dark green and curly.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Imperial Long-standing. Outer edges of leaves crimped; inside smooth, dark green with bluish cast. 10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Siberian. Should be sown in September for spring "greens." 10c. per oz.; 1/4lb. 25c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

KOHLRABI

Chou Rave (Fr.) Kohl-Rabi (Ger.) Cavolo rapa (Ital.)

One ounce will sow about 200 feet of drill

Early White Vienna. Suited for sowing under glass or for outdoors.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

Purple Vienna. Flesh white, with a bluish skin. Principally used for outdoor sowing. 20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.



American Flag Leek

LEEK

Poireau (Fr.) Lauch (Ger.) Porro (Ital.)

One ounce will sow about 100 feet of drill

American Flag. Popular for the market garden. 25c. per oz.; 1/4lb. 65c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.

Giant Carentan. 25c. per oz.; 1/4lb. 65c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.

If wanted by Parcel Post, allow 10c. per carton for postage

Per carton	\$1 00	25 cartons	\$23 25
12 cartons	11 40	60 cartons	54 00

Pure Culture Brick Spawn

This Spawn is made in quart milk bottles under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure, so that every mold, weed seed, or insect is destroyed and each bottle contains nothing but the pure spawn; each jar contains enough for 30 to 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, with full instructions.

If wanted by Parcel Post, allow 10c. per carton for postage

Per carton \$1 00 25 cartons \$23 25

12 cartons 11 40 60 cartons 54 00

Pure Culture Brick Spawn

A crop is produced with good spawn, a little care, and patience, in about 5 to 10 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. One brick will spawn 8 to 10 square feet. Pure white. Ask for our Free Booklet on Mushroom Culture.

Per brick	\$0 30	Per 50 bricks	\$10 00
Per 5 bricks	1 25	Per 100 bricks	19 00
Per 10 bricks	2 10	Per 1000 bricks	185 00
Per 25 bricks	5 00		

If wanted by Parcel Post, allow for postage at the rate of 10c. per brick; 15c. per 5 bricks; 25c. per 10 bricks

MUSHROOM OR HOTBED THERMOMETERS. Iron point, oxidized finish, \$2.75 each (by Parcel Post, \$2.90). Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

BOOK ON MUSHROOMS, HOW TO GROW. (By Falconer.) 170 pages. \$1.75.

MICHELL'S CHOICE STRAINS OF LETTUCE

Laitue (Fr.) Lattich Salad (Ger.) Lattuga (Ital.)
One ounce will produce about 2500 plants

Heading Varieties

All Heart. An excellent Lettuce for either spring or summer use. Can be used for sowing in frames or in spring and early summer outdoors.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

All Right (Michell's). Fine for an early spring crop in the hotbed or outdoors and for sowing in August for late autumn under sash or outside.

15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Big Boston. A large, flat, cabbage-headed variety for midsummer or fall use, or under glass in the early spring and autumn. Light green, tinged light brown on the outer leaves.

15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Boston Market (White-seeded Tennisball). One of the best for forcing.

15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Iceberg. Solid, cabbage-like heads; leaves curly, slightly tinged red.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Imperial No. 44. This variety has very long, well-folded leaves and produces hard well-formed heads appreciably less susceptible to tip-burn than other varieties.

20c. per oz.; 1/4lb. 65c.; \$2.00 per lb.

Improved Hanson. Extra-large heads; the outer leaves are curled.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

May King. Matures early outdoors. Outside leaves tinged golden brown. Suitable for sowing under sash in early spring.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Michell's No. 1. A good variety for summer use as it resists the hot sun better than most sorts. We do not recommend it for forcing.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Michell's Springtime. A fine early type to sow for spring use. Fair-sized, compact heads; leaves light green, outer edges tinted bronze. An ideal garden variety.

15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

New York or Wonderful No. 12. A variety in great demand, especially during the late winter and early spring months. Gigantic heads which are almost white, very solid, and without any trace of bitter taste. Does best in the latitude of Philadelphia as an early spring and late autumn crop. We offer a fine strain of seed.

15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

White Big Boston. A sure-heading variety which resembles Big Boston in size, solidity, and general appearance, but is minus the red edge so common in that variety.

15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

See page 35 for Michell's Vegetable Seed Specialties



New York Lettuce

Loose-Leaf or Cutting Varieties

Black-seeded Simpson. Ideal for midsummer use as it withstands heat and drought.

15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Early Curled Silesian.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Early Curled Simpson.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Grand Rapids. The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. Leaves curly, crisp and brittle; fine flavor. We pay particular attention to the seed-stock, therefore offer a strain of especial merit.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Romaine • Celery Lettuce

Kingsholm Cos. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no ribs; heads very full throughout, and therefore contain more edible part.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

MICHELL'S MUSKMELON or CANTALOUE

Melon Muscade (Fr.)

Melone (Ger.)

Popone Melone (Ital.)

One ounce will sow about 50 hills; 2 to 3 pounds, an acre

Emerald Gem. Flat shape; flesh thick and of a rich salmon shade.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Fordhook. Flat like Emerald Gem, on which it is an improvement; flesh salmon-orange and very sweet; large, often weighing 2 pounds each.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Hale's Best. The chief value of this variety is its earliness and fine quality. Oval; heavily netted; salmon-color flesh. An excellent variety for long-distance shipping.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Hearts of Gold. A midseason variety. Fruit round, distinctly ribbed; flesh deep salmon, excellent quality. A good shipping melon.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Honey Dew. Flesh thick, emerald-green, of delicious flavor.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Honey Rock. New. Medium size; round, with coarse netting; flesh orange color and of fine flavor. An excellent variety for the roadside stand.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Michell's Delicious. Large; flesh deep orange-salmon; seed space very small.

25c. per oz.; 1/4lb. 75c.; \$2.75 per lb.

New Surprise. A large variety, often weighing 8 to 9 pounds; oval, with prominent ribs; skin green and slightly netted, turning to creamy color as it ripens; flesh salmon color, thick, and spicy.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

Pride of Wisconsin. A new introduction with considerable merit. The rind is a gray color with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping.

20c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$6.50; \$12.00 per 10 lbs.

Rocky Ford. Oval, finely netted; flesh green, very sweet.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Pride of Wisconsin Muskmelon

All seeds offered on this page mailed postpaid at prices quoted

Try some fresh young Onions for an appetizer

MICHELL'S CHOICE STRAIN WATERMELONS

Melon d'eau (Fr.)

Wasser Melone (Ger.)

Melone d'aqua (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Halbert Honey. Long fruits which often weigh 50 pounds. Flesh very sweet.
10c. per oz.; 1/4lb. 30c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

Harris' Earliest. One of the best varieties to grow in the northern states on account of its earliness. Fruit oblong, marbled light and dark green; flesh red, of good quality.

10c. per oz.; 1/4lb. 30c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

Kleckley Sweets. One of the sweetest of melons. Fine-grained and of excellent flavor.
10c. per oz.; 1/4lb. 30c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

Pride of Muscatine. A new variety that will be welcomed in sections where melon wilt prevails, as it is more immune from this disease than any variety we know of. Long; dark green; flesh red and exceptionally sweet.

10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Stone Mountain. Fine for the home-garden and a good market variety. Average weight, 40 to 50 pounds. Round, slightly elongated; skin light green; flesh crimson and sweet. A very popular variety.

10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Tom Watson. Large, frequently 2 feet long and 1 foot in diameter; dark green rind; bright scarlet flesh. The rind being tough, it will resist plenty of abuse.
10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable and healthful.

Fordhook Fancy. Produces a large crop of leaves, resembling an ostrich plume, which are of mild flavor.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

Southern Giant Curled. Highly esteemed in the South for the market as well as the home-garden. Leaves light green, tinged with yellow, crimped and frilled at the edges.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

All seeds offered on this page mailed postpaid at prices quoted



Stone Mountain Watermelon

OKRA . Gumbo

One ounce will sow a row about 100 feet long

Perkins' Long-Pod. A dwarf type with long, tender dark green pods.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

White Velvet or Creole. Pods are very free from ridges, tender light green, almost white in color.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

MICHELL'S SELECT ONION SEED

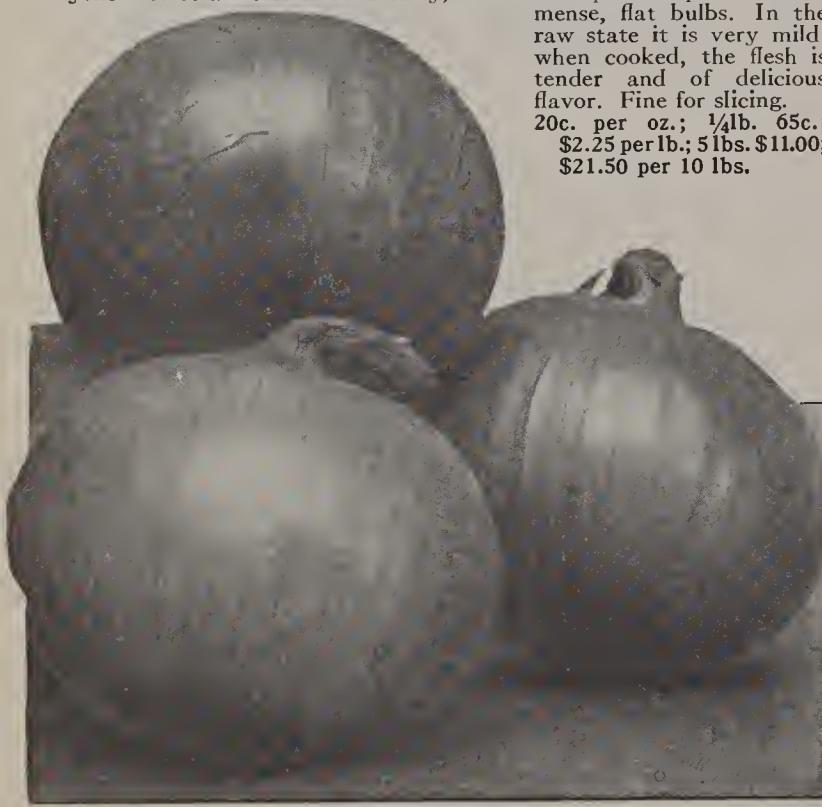
Oignon (Fr.)

Zwiebel (Ger.)

Cipolla (Ital.)

For full-size Onions, one ounce will sow 100 feet of row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre

Bermuda White. Although known as the Bermuda White, it is a light yellow or straw color. It is early, and if transplanted produces immense, flat bulbs. In the raw state it is very mild; when cooked, the flesh is tender and of delicious flavor. Fine for slicing.
20c. per oz.; 1/4lb. 65c.; \$2.25 per lb.; 5 lbs. \$11.00; \$21.50 per 10 lbs.



Prizetaker Onions

Prizetaker. A mammoth yellow variety of excellent flavor, often weighing 3 pounds each. If sown thinly it produces full-sized Onions in one season from seed.

20c. per oz.; 1/4lb. 65c.; \$2.25 per lb.; 5 lbs. \$11.00; \$21.50 per 10 lbs.

Sweet Spanish. (Riverside Strain.) Globe shape; bright golden yellow; mild flavor; good keeper.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.; 5 lbs. \$12.25; \$24.00 per 10 lbs.

Yellow Globe Danvers. Almost round, dark straw color, and extensively grown by the market gardener on account of its good keeping qualities. Always produces a good crop, growing to a large size.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.; 5 lbs. \$12.25; \$24.00 per 10 lbs.

Ailsa Craig. A large, globe-shaped variety of beautiful straw-yellow.

20c. per oz.; 1/4lb. 65c.; \$2.25 per lb.; 5 lbs. \$11.00; \$21.50 per 10 lbs.

Southport Red Globe.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.; 5 lbs. \$12.25; \$24.00 per 10 lbs.

Southport White Globe.

25c. per oz.; 1/4lb. 80c.; \$2.75 per lb.; 5 lbs. \$13.50; \$26.50 per 10 lbs.

Southport Yellow Globe.

25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.; 5 lbs. \$12.25; \$24.00 per 10 lbs.

White Barletta.

20c. per oz.; 1/4lb. 65c.; \$2.25 per lb.; 5 lbs. \$11.00; \$21.50 per 10 lbs.

White Bunching. For scallions.

20c. per oz.; 1/4lb. 60c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.

White Portugal or Silverskin. Mild flavor; semi-globe shape.

20c. per oz.; 1/4lb. 65c.; \$2.25 per lb.; 5 lbs. \$11.00; \$21.50 per 10 lbs.

ONION SETS

One quart will plant 50 feet of row; 8 bushels, an acre

Shipped on local orders about March 10, unless otherwise requested

Red **White** **Yellow** **White Multiplier** **Potato Onions**
Shallots **Garlic Sets**

Prices on application

Tree or Top Onions. Ready latter part of August.

All prices subject to market changes.

We give 32 pounds per bushel on Onion Sets, except Tree or Top Onions, which are sold on basis of 28 pounds per bushel

Green Peas are packed with health-giving vitamins

MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.)

Erbsen (Ger.)

Pisello (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

If Peas are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

Extra-Early Varieties

Alaska. Smooth-seeded. Height, 2½ feet.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00

Dandy Extra Early. Smooth-seeded. Prolific and desirable for the market garden. Height, 24 inches.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00

Early Eight Weeks. Medium-sized pods, well filled with luscious Peas. Height, 12 to 15 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$16.00

Early June. A green-seeded, smooth Pea. Height, 2½ feet.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00

Gradus or Prosperity. Early and of fine quality. Wrinkled, luscious; produces gigantic pods and Peas. Height, 36 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

Laxtonian. An early dwarf sort with pods large and filled with Peas of fine quality. Height, 18 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

Laxton's Progress. Earlier than Laxtonian. Long pods filled with 8 to 9 large Peas of excellent flavor. Height, 18 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

Little Marvel. Dwarf, prolific variety with sweet, wrinkled Peas. Height, 18 to 20 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

Nott's Excelsior. One of the leading varieties for the market garden. Height, 15 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

Special Extra Early. Smooth-seeded. Tender and a great yielder. Height, 24 inches.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00

Thomas Laxton. On a par with Gradus in quality. A heavy producer of large pods filled to the tip with big wrinkled Peas of excellent flavor. Height, 36 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

Second-Early and Later Varieties

Champion of England. Seed wrinkled. Height, 5 feet.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

Daisy or Dwarf Telephone. Wrinkled and very sweet. Height, 18 inches.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

Dwarf Champion. Pods long and well filled with Peas of delicious quality. Height, 2 feet.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

Tall Telephone. A late variety, producing an abundance of very sweet, wrinkled Peas. Height, 3½ feet.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

Yankee Prince. Large-podded, wrinkled sort. Height, 4 feet.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

Sugar or Edible-Podded Peas

Honey Sweet. Most distinct Sugar Pea ever introduced. An entirely new type, with curved pods that are thick, fleshy, and free from hard tissue. Can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads.

60c. per ½ lb.; 1 lb. \$1.00; \$1.90 per 2 lbs.

Dwarf Gray Sugar. Gray seed. Height, 2 feet.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

Tall Luscious Sugar. Height, 4 feet.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

PARSNIP

Panais (Fr.) Pastinake (Ger.) Pastinaca (Ital.)

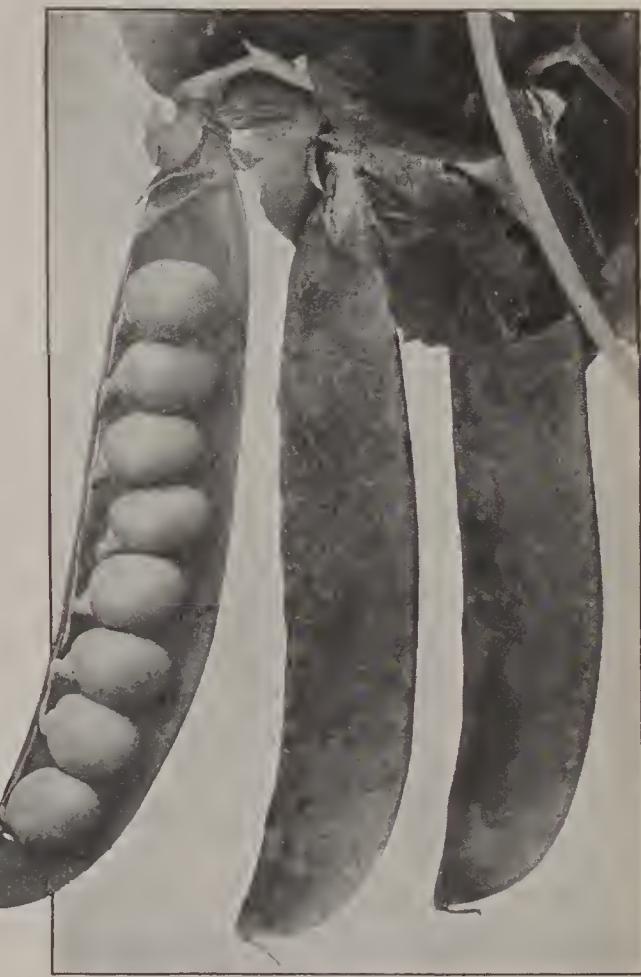
One ounce will sow 150 feet of row; 5 pounds, an acre

Improved Sugar or Hollow Crown. Finest stock we have seen. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide, with a deep crown. Strongly recommended for market growers.

15c. per oz.; ¼ lb. 40c.; \$1.00 per lb.; 5 lbs. \$4.00; \$7.25 per 10 lbs.



Hollow Crown Parsnips



Gradus Peas

PARSLEY

Persil (Fr.) Petersilie (Ger.) Prezzemolo (Ital.)

One ounce will sow 100 feet of row

Peerless. A fine selection of the Moss Curled type. This strain is very hardy and remains deep green when other varieties have turned yellow. Right length for bunching. We recommend this variety, as it has the color and exceptional growing qualities.

15c. per oz.; ¼ lb. 45c.; \$1.50 per lb.

Champion Moss Curled. Beautifully crimped and curled. Can be cut the year round.

10c. per oz.; ¼ lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Double Curled or Covent Garden. Nicely curled leaf which retains its green color the entire season. Best variety for the market garden. The seed we offer is imported and will produce more densely curled leaves than American-grown seed.

10c. per oz.; ¼ lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Hamburg or Rooted. The fleshy roots are used for flavoring soups.

10c. per oz.; ¼ lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Plain or Single. Leaves not curled.

10c. per oz.; ¼ lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Tom Thumb. A fine extra-curled variety of dwarf habit, uniform in shape and compactness, suitable for edging of borders and decorative purposes.

15c. per oz.; ¼ lb. 45c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

PEANUTS

Arachide (Fr.) Erdnuss (Ger.)

Cece de terra (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Selected Virginia.

25c. per lb. (by Parcel Post, 35c.); \$1.00 per 5 lbs. (by P. P., \$1.15); 10 lbs. \$1.50 (by P. P., \$1.70)

Make successive plantings of Radishes for a long season

PEPPER

Piment (Fr.) Pfeffer (Ger.) Peperone (Ital.)

One ounce will produce about 1200 plants

California Wonder. A fine variety of great merit. Very large fruits, often weighing 8 to 10 ounces each, glossy green turning later to vivid red; flesh thick and mild in taste.

40c. per oz.; 1/4lb. \$1.35; \$5.00 per lb.

Morris' Early Giant. Enormous yielder of extra-large, deep green fruits turning to brilliant red; flesh thick and of a sweet pleasant flavor.

35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.

Hungarian Wax. The golden yellow fruits, turning to scarlet, average about 2 1/2 inches in diameter and 4 to 5 inches long. They are very hot in taste and are used principally for pickling.

35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.

King of the North. A large, handsome, early, dark green variety, changing to a beautiful red; mild flavor.

50c. per oz.; 1/4lb. \$1.65; \$6.00 per lb.

Ruby King. Fruits 5 to 6 inches long and about 3 inches in diameter, green, turning to red, and mild in flavor.

30c. per oz.; 1/4lb. 85c.; \$3.00 per lb.

World Beater. Very similar to Ruby Giant, but rather larger.

35c. per oz.; 1/4lb. 90c.; \$3.25 per lb.

Bell or Bull Nose. Early and slightly hot.

35c. per oz.; 1/4lb. 90c.; \$3.25 per lb.

Chinese Giant. Oz. 1/4lb. Lb.

Chinese Giant. \$0 40 \$1 35 \$5 00

Large Red Cherry. (Hot.) 30 85 3 00

Long Red Cayenne. 30 85 3 00

Neapolitan. 35 90 3 25

Pimiento. 30 85 3 00

Tomato or Squash. 30 85 3 00

SEED POTATOES

Pomme de Terre (Fr.) Kartoffel (Ger.) Patata (Ital.)

Our Potatoes are grown expressly for seed purposes.

Plant 1 peck for 100 feet of row; 12 to 14 bushels per acre

TIME OF SHIPMENT. Potato shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our Potatoes are put up in sacks of 2 1/2 bushels each.

Beats Them All (Michell's). Has given the best results wherever tried. Oblong; quality fine. Extremely early, coming in about one week or ten days earlier than Early Rose.

Early Rose (Houlton or Maine). A leading variety for earliness, quality, and productiveness. Pink skin; oblong shape.

Green Mountain. General-crop variety. White; roundish flat.

Irish Cobbler. One of the earliest varieties. A fine sort and a heavy producer. Almost round.

Jersey Redskin. For planting in early July. Does especially well in light, sandy soil.

Russet. A fine late variety. Medium size; flat and roundish in shape. Quite immune to attacks of blight, etc.

Regarding Potato Prices

At the time of printing this Catalog, prices for Potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first-class quality.

PUMPKIN

Potiron (Fr.) Kurbis (Ger.) Zucca (Ital.)

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre

Connecticut or Common Field. Suitable only for stock feeding. Yellow.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

Japanese Pie. A deep green, crook-necked variety with darker stripes which turn to a rich golden yellow. The fruit sets and matures early.

10c. per oz.; 1/4lb. 30c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

King of the Mammoths. Grows to an enormous size. Orange-salmon skin; bright yellow flesh. Excellent for pies.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Large Cheese.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

Mammoth Cushaw or Golden Crookneck. Flesh golden yellow and very tender.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Tennessee Sweet Potato. Oblong; medium size; buff-yellow skin; delicious for pies.

10c. per oz.; 1/4lb. 30c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Winter Luxury. Known as the New England pie Pumpkin. The skin is russet-yellow, while the flesh is golden orange.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

MICHELL'S SELECT RADISH SEED

Radis (Fr.) Radies (Ger.) Ravanelli (Ital.)

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre

Early Varieties

Early Deep Scarlet Globe (Michell's Strain). A special strain from transplanted roots. Very uniform in shape, color, and size. Very short tops. One of the best.

15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$5.00

Crimson Giant. Globe-shaped.

10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Early Scarlet Globe. (Short-Top, Special Forcing.) A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Early Scarlet or Cardinal Globe. (For outside sowing.) Attractive in shape and color; pure white flesh, crisp and of delicious flavor, outer skin brilliant scarlet.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

French Breakfast. Oblong; scarlet, tipped with white.

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Icicle. A white variety of fine quality.

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

Long Scarlet Short-Top.

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

Michell's 25-Day. A fine, crisp table variety. Round, smooth skin of brilliant red color; mild flavor. Quick grower.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Philadelphia White Box. A selection of the old White Box Radish, more perfect in form and producing shorter tops. It does not have a tendency to grow long.

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

Round Red or Button.

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Scarlet Turnip, White-tipped.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Summer and Winter Varieties

Celestial or White Chinese.

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

China Rose. Half long, with scarlet tip.

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

Long Black Spanish.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Round Black Spanish.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

White Strasburg.

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

Write for prices on large quantities of Radish Seed



Early Deep Scarlet Globe Radishes

Plant Michell's Vegetables and enjoy life this year



New Bloomsdale Long-standing Savoy Spinach

RHUBARB

Rhubarbe (Fr.) Rhabarber (Ger.) Rabarbaro (Ital.)

Victoria.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.

Rhubarb Roots

Ready April 1 for spring planting; October 1 for fall planting

MacDonald's. New variety of great merit. For market gardeners or home-gardens. \$2.50 per doz. (by Parcel Post, \$2.70); per 100, \$18.00

Victoria.

\$1.25 per doz. (by Parcel Post, \$1.45); per 100, \$7.00; \$60.00 per 1000

ITALIAN ROCKET · Rucola

Greatly relished in salads and soups. The leaves, which are of a dark green color, greatly resemble sorrel; slightly pungent.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00

SALSIFY · Oyster Plant

Salsifis (Fr.) Hafer Wurzel (Ger.) Salsifia (Ital.)

One ounce will sow about 50 feet of drill; 10 pounds, an acre

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary white. Pure white, very tender and delicious. 20c. per oz.; 1/4lb. 55c.; \$1.75 per lb.; 5 lbs. \$8.50; \$16.50 per 10 lbs.

SORREL

Oseille (Fr.) Sauerampfer (Ger.) Acetosa (Ital.)

Broad-leaved French. Relished principally by the French people who use it as a spinach dressing and as a salad. Has an acid flavor. The seed-stalks should be cut off when they appear.

15c. per oz.; 1/4lb. 50c.; \$1.60 per lb.; 5 lbs. \$7.75; \$15.00 per 10 lbs.

SPINACH

Epinard (Fr.) Spinat (Ger.) Spinaccio (Ital.)

One ounce will sow 75 feet of drill; 10 to 12 pounds, an acre

Bloomsdale Long-standing Savoy. The long-standing characteristics of this variety make it valuable for spring sowing as it will stand considerable heat before bolting to seed. Leaves thick, crimped, and fleshy.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

Dark Green-leaved Savoy. A handsome Bloomsdale type with darker green leaves. 15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$16.00

King of Denmark. A variety which stands a long while without running to seed. 15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$18.00

Long Season. Strong, robust, and crinkled. Resists a great deal of heat without shooting to seed.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

Market Gardeners. This new variety is a decided improvement on all other kinds. Leaves broad, heavy, dark green, glossy, very heavily blistered. Will stand a week or ten days longer without shooting to seed than any variety we know of.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

Virginia Blight-resistant Savoy. A low-growing, spreading variety of vigorous growth, which is immune from disease. One of the most popular varieties for market. Excellent for fall sowing.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

SPINACH, continued

New Zealand. This variety endures heat and drought. Excellent for summer use. One sowing can be picked from the entire summer. Do not confuse this with other varieties of Spinach, as the seed should be sown about May 15. In order to get a successful germination of the seed, it should be soaked in warm water for about 12 hours before sowing.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

Perpetual. This is really a form of Swiss Chard, but the taste is very much like Spinach, hence our reason for this classification. Sow seed in rows in early spring; thin out for best results. Ready for cutting in 5 to 6 weeks; cut off about 2 inches above crown of plant.

15c. per oz.; 1/4lb. 45c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

CUPROCIDE · Cuprous Oxide

An excellent material for the treatment of Spinach seed before sowing to prevent the fungous disease known as damping-off. Use at the rate of 2 teaspoonsfuls to 1 pound of seed. 35c. per 4 ozs.; lb. 90c.; \$4.00 per 5 lbs.; 24 lbs. \$10.00; \$96.25 per 250 lbs.

SQUASH

Courge (Fr.) Kurbis (Ger.) Zucca (Ital.)

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre

Summer Varieties

Cocozelle or Italian. A bush variety with smooth, dark green fruits, striped lighter.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Giant Yellow Summer Crookneck. Skin very rough and warted. A variety with a running vine.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Mammoth White Bush. Round, scalloped fruits with an ivory-white skin. One of the earliest to mature and very prolific, bearing continually until killed by frost.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

Table Queen or Acorn. Matures early, being edible in about 55 days from planting. Fruits 6 to 8 inches long, 3 inches in diameter, with deep green rind turning to orange as it ripens; flesh light yellow. Fine for baking.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Zucchini. An Italian variety of the Cocozelle type. Fruits 12 to 14 inches long; skin green, mottled yellow when matured; delicious flavor.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Fall and Winter Varieties

Blue Hubbard. A selection from the original Hubbard.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Boston Marrow. Shaped similar to Hubbard. Golden orange.

10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

Delicious. Oblong, with deep green skin and thin rind. One of the best winter keepers.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Golden Hubbard. Used extensively for pie, but when served as a vegetable, it is very dry and delicious.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Hubbard. True. Fruits large, olive-shaped. Excellent keeper.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

SWISS CHARD

Dark Green Curled.

10c. per oz.; 1/4lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

Giant Lucullus.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.



Mammoth White Bush Squash

MICHELL'S SELECT TOMATO SEEDS

Pomme d'Amour (Fr.)

Liebesapfel (Ger.)

Pomo d'oro (Ital.)

One ounce will produce 3500 plants; $\frac{1}{4}$ pound, enough for an acre

Note.—All Seeds offered on this page mailed free at prices quoted

ALL VARIETIES OF TOMATOES MARKED "SPECIAL STRAIN" ARE CERTIFIED



Pritchard or Scarlet Topper (Special Strain)

Bonny Best. One of the most prolific of early Tomatoes. Medium size, very solid, and evenly formed, bright red.

25c. per oz.; $\frac{1}{4}$ lb. 85c.; \$3.00 per lb.

Break o'Day. An early wilt-resistant variety. Globular, large, smooth, meaty, and of a good red color. 40c. per oz.; $\frac{1}{4}$ lb. \$1.15; \$4.25 per lb.

Chalk's Early Jewel. A favorite variety with the market gardener. Bright red, solid, and a good shipper.

25c. per oz.; $\frac{1}{4}$ lb. 85c.; \$3.00 per lb.

Crimson Cushion or Beefsteak. A vigorous grower. Immense, crimson-scarlet, solid fruit, excellent for either slicing or canning. Very meaty and with but few seeds. 40c. per oz.; $\frac{1}{4}$ lb. \$1.35; \$5.00 per lb.

Dwarf Champion. Dwarf and compact. Fruits purplish pink, very solid. 35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.

Dwarf Stone. A dwarf compact-growing plant with medium-sized, very solid, bright red fruit. Late cropper.

35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.25 per lb.

Earliana (Penn State). The most prolific early Tomato ever produced. Grows in clusters. Medium size, solid, and very desirable.

35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.

Early Detroit. A productive, purple sort. Large, smooth, of excellent quality.

35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.

Golden Ponderosa. The best large golden yellow variety. Early, smooth, and of excellent quality. Similar in shape to the regular Ponderosa.

45c. per oz.; $\frac{1}{4}$ lb. \$1.40; \$5.00 per lb.

Greater Baltimore. A main-crop variety. Fruit large, brilliant red.

25c. per oz.; $\frac{1}{4}$ lb. 80c.; \$2.50 per lb.

John Baer. The very first Tomato to fruit in the garden. Plants dwarf. Fruit of medium size, red, very uniform.

25c. per oz.; $\frac{1}{4}$ lb. 85c.; \$3.00 per lb.

June Pink. A variety similar to the Earliana in size and shape. Purplish pink fruits, uniform in shape and size, with solid flesh of fine texture.

35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.

Marglobe. *Special Strain.* An extra-fine selection of the originator's stock and a variety of special merit, the origin of which is credited to the U. S. Department of Agriculture. It is immune from the nail-head rust and Tomato blight. Globe-shaped; smooth, rich scarlet color; excellent quality.

35c. per oz.; $\frac{1}{4}$ lb. \$1.10; \$4.00 per lb.

Marglobe. *Usual Strain.* 30c. per oz.; $\frac{1}{4}$ lb. 85c.; \$3.00 per lb.

Oxheart. A main-crop, pink-fruited, heart-shaped variety, meaty, of fine quality. Some of the fruits grow to an enormous size. A shy seeder.

50c. per oz.; $\frac{1}{4}$ lb. \$1.85; \$7.00 per lb.

All above prices subject to market changes

Ponderosa. The largest Tomato in existence. Beautiful purplish pink. 45c. per oz.; $\frac{1}{4}$ lb. \$1.60; \$6.00 per lb.

Pritchard or Scarlet Topper. *Special Strain.* An early variety originated by the late Dr. Pritchard of the U. S. Department of Agriculture. Undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day, but the color of the inside is darker red. A good canning sort as well as a fine variety for slicing. The seed of this strain is produced by our best local Tomato grower and is superior to other strains.

40c. per oz.; $\frac{1}{4}$ lb. \$1.20; \$4.50 per lb.

Pritchard or Scarlet Topper. *Usual Strain.* 35c. per oz.; $\frac{1}{4}$ lb. \$1.00; \$3.75 per lb.

Rutgers. *Special Strain.* A new introduction by the New Jersey Agricultural College. The parent plants are Marglobe and J. T. D. Has the same size, color and shape as Marglobe, except that it is somewhat flatter at the stem end. A good feature of this variety is its deep red color inside. 45c. per oz.; $\frac{1}{4}$ lb. \$1.35; \$5.00 per lb.

Rutgers. *Usual Strain.* 35c. per oz.; $\frac{1}{4}$ lb. \$1.00; \$3.50 per lb.

Stone. Large, handsome, red fruit with smooth skin. Recommended for a main crop. 25c. per oz.; $\frac{1}{4}$ lb. 80c.; \$2.75 per lb.

Forcing Tomatoes

Michigan State Forcing. Very productive; medium size; bright red. 35c. per $\frac{1}{2}$ oz.; oz. 60c.; \$2.00 per $\frac{1}{4}$ lb.

Sutton's Perfection. *Imported.* Original pkt. \$1.00; 3 pkts. \$2.85

Small-Fruited Tomatoes

	Oz.	$\frac{1}{4}$ lb.
Red Cherry	\$0 40	\$1 25
Red Peach	40	1 25
Red Plum	40	1 25
Yellow Plum	40	1 25
Strawberry or Husk	40	1 25

Deduct 3 per cent discount on Vegetable Seeds only,
if cash accompanies order



Marglobe Tomato



Purple-Top White Globe Turnip

TURNIP

Navet (Fr.)

Weisse Rube (Ger.) One ounce will sow 100 feet of drill; 2 pounds an acre, broadcast

Navone (Ital.)

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

Early Purple-Top Flat. Desirable for market.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

Early White Flat Dutch. (Strap-leaf.) Medium-sized root.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

Japanese Foliage. The root, or bulb, as well as the top is edible.

When cooked the top is very tender and of 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

a mild Turnip flavor.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

Purple-Top White Globe. Large; skin purple at top and white at bottom; pure white flesh, firm, fine-grained

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

and of excellent flavor.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

Snowball. A pure white globe variety, almost round.

Early. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

Southern Seven-Top. Cultivated extensively in the South for the tops which are used as "greens"; also a

favorite green food for stock. 10c. per oz.; 1/4lb. 20c.; 50c. per lb.; 10 lbs. \$4.00

Yellow Globe or Amber. Shaped like the Purple-top Globe.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

RUTABAGA

Chou-navet (Fr.)

Kohlrube (Ger.)

Cavol Navone (Ital.)

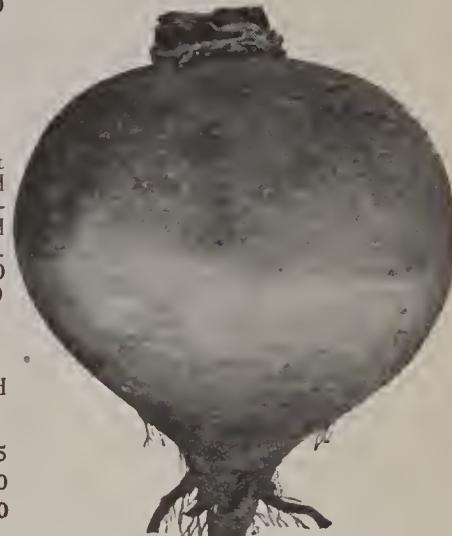
American Purple-Top Yellow. Special Strain. This strain is at least

8 to 10 days earlier than our usual strain. The roots are mostly round with a small tap-root, yellow in color, with purple crown; flesh amber-

colored, sweet and free from fiber; tops medium size and of a smoky green color. This strain is of very rapid growth. Seed can be sown much later than other strains and yet develop a large root before freezing weather.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

Purple-Top Yellow. Usual Strain. Top purple, bottom yellow. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00



American Purple-Top Yellow
Rutabaga (Special Strain)

TOBACCO SEED

The flower is very sweet scented and the leaves may be dried, cured, and made into smoking tobacco and cigars. Sow in a box indoors, transplanting when 3 inches high in thumb-pots, and set outdoors in May.

Connecticut Seed-Leaf. Produces large leaves. Desirable for making cigars. \$0 40 \$1 15 \$4 25

Sweet Oronoka. A good variety for home use and suitable for chewing Tobacco. 35 1 10 4 00

Virginia Bright Leaf. Does well in light soils. Suitable for pipe-smoking. 35 1 10 4 00

See page 35 for NOVELTIES and SPECIALTIES IN VEGETABLE SEEDS

Michell's Recleaned Bird Seeds, Pet Supplies, Etc.

Prices quoted upon application

Canary. Plain Sicily.

Thistle Seed.

Canary Mixed.

Bird Manna.

Hemp Seed.

Cuttle-Fish Bone.

Millet Seed. Imported.

Fish-Food. For aquariums.

Rape Seed.

Lettuce Seed.

Unhulled Rice.

Maw Seed.

Parrot Food, Spratt's.

Sand for Bird-Cages. Fine, red

or silver. Silver (coarse).

Song Restorer. For canaries.

SUNFLOWER SEED

We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article.

Vegetable Plants and Roots, Etc.

ARTICHOKE ROOTS. (Ready in April.)

Jerusalem. 15c. per lb.; 10 lbs. \$1.20; \$5.00 per 50 lbs.

ASPARAGUS. (Ready about March 20 for spring planting; about October 10 for fall planting.)

100 2-yr. roots

By P. P. 1000

Giant Washington. \$1 25 \$1 40 \$10 00

BRUSSELS SPROUTS. (Ready in July.)

60c. per 100 (by P. P., 85c.); per 1000, \$4.50

CABBAGE. Early Sorts.

Coldframe Plants. Transplanted. (Ready April 1.)

60c. per 100 (by P. P., 75c.); \$5.50 per 1000

Late Sorts. Danish Ballhead and Late Flat Dutch only. (Ready

July 1.) 50c. per 100 (by P. P., 65c.); \$4.00 per 1000

CELERY. (Ready in July.)

Leading varieties. 50c. per 100 (by P. P., 65c.); \$4.00 per 1000

CHIVES. (Ready in April.)

Strong plants. \$1.50 per doz. (by P. P., \$1.70); \$10.00 per 100

EGGPLANT. (Ready May 15.)

New York Improved and **Black Beauty.** Pot-grown.

60c. per doz.; per 100, \$4.50. Not mailable.

LAVENDER (Herb). (Ready in April.)

Pot-grown. \$2.50 per doz.; per 100, \$18.00. Not mailable.

HORSERADISH ROOTS.

\$1.25 per 100 (by P. P., \$1.35); \$8.00 per 1000

MINT (Herb). (Ready in April.)

Peppermint. Pot-grown. \$1.50 per doz.; per 100, \$10.00

Spearmint. Pot-grown. \$1.50 per doz.; per 100, \$10.00. Not mailable.

PARSLEY. (Ready in April.)

Pot-grown. 60c. per doz.; per 100, \$4.00. Not mailable.

PEPPER. (Ready in May.)

Pot-grown. 60c. per doz.; per 100, \$4.00. Not mailable.

RHUBARB ROOTS. (Ready April 1 for spring planting; October 15 for fall planting.)

MacDonald's. New variety of great merit. Fine for market gardeners or for home-gardens.

\$2.50 per doz. (by P. P., \$2.70); per 100, \$18.00

Victoria. \$1.25 per doz. (by P. P., \$1.45); per 100, \$7.00; \$60.00 per 1000

ROSEMARY (Herb). (Ready in April.)

Pot-grown. \$2.50 per doz.; per 100, \$18.00. Not mailable.

SAGE (Herb). (Ready in April.)

Holt's Mammoth. Pot-grown. \$2.00 per doz.; per 100, \$15.00. Not mailable.

SWEET POTATO. (Ready in May.)

Red Nansemond. 60c. per 100 (by P. P., 70c.); \$4.00 per 1000

Yellow Nansemond. 60c. per 100 (by P. P., 70c.); \$4.00 per 1000

Sweet Potato Plants are shipped at buyer's risk and not less than 100 of a variety can be supplied.

TARRAGON. (Ready in April.)

Pot-grown. \$2.50 per doz.; per 100, \$18.00. Not mailable.

THYME. (Ready in April.)

English Broad-leaved. Pot-grown. \$2.00 per doz.; per 100, \$15.00. Not mailable.

tomato. (Ready April 15.)

Pot-grown. 50c. per doz.; per 100, \$4.00; \$35.00 per 1000

Price on hotbed-grown Tomato plants upon application.

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order

Michell's High-Grade Farm Seeds



Clovers

Alfalfa or **Lucerne** (*Medicago sativa*). Non-irrigated, northwestern-grown seed. Sow during April and May, August, and September, not less than $\frac{1}{2}$ bushel (25 pounds) per acre, preferably with no other crop.

Alfalfa. Grimm Strain. Claimed to be hardy in all regions. A heavy yielder and of deep-rooting habit. About 15 to 20 pounds of Grimm Alfalfa is sufficient to seed an acre on account of its great root-system.

Alsike or **Swedish Clover** (*Trifolium hybridum*). One of the best for mixing with timothy and perfectly hardy in every climatic or soil condition. Grows 1 to 2 feet high. Sow early in the spring or late summer and early autumn, 10 to 15 pounds per acre alone or 8 pounds with timothy.

Crimson Clover (*Trifolium incarnatum*). Used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from June to October, 20 pounds to the acre.

Ladino Clover. Scarified seed, germinating better than 90 per cent. Sow 5 to 6 pounds per acre.

Mammoth Red Clover (*Trifolium pratense perenne*). Differs from Medium Red Clover in being of ranker growth and yielding more fodder per acre. Sow in early spring or late summer and fall, using 15 pounds per acre alone, or with other crops, 10 pounds per acre.

Medium Red Clover (*Trifolium pratense*). More widely known and used than any other. Used principally for hay purposes. Height from 1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ feet. Sow early in the spring or in late summer and fall, 20 pounds per acre if alone, and with other crops, 10 pounds per acre.

Sweet or **Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop, or to plow under as a fertilizer. Grows from 3 to 5 feet high, thriving on almost any kind of soil. Sow 15 pounds per acre in spring or fall.

White Dutch or **Lawn Clover** (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Lb. 85c.; \$4.00 per 5 lbs.; 10 lbs. \$8.00; \$19.25 per 25 lbs. Prices for larger quantities on application.

Yellow Trefoil (*Medicago lupulina*). This legume is a close relative of alfalfa, and is valuable in pasture mixtures because of its very early vigorous growth.

Stanley's Crow-Repellent

Rids your corn crop of crows and other corn-pulling birds. Saves loss of seed and labor of replanting; aids and hastens germination; protects seed from rotting in the ground.

1/2 pt. 60c.; \$1.00 per pt.; qt. \$1.75. One pint is sufficient for 2 bushels of Seed Corn.

Miscellaneous Farm Seeds

Barley. Big heads of large grains. Sow 1 $\frac{1}{2}$ to 2 bushels per acre from April 15 to July 1. 48 lbs. per bushel.

Beans, Soja, Mammoth Yellow (late) or **Wilson** (early). A great soil-enricher. Sow 1 $\frac{1}{2}$ bushels per acre during May. 60 lbs. per bushel.

Broom Corn, Early Evergreen. Sow 10 pounds per acre during May. 50 lbs. per bushel.

Buckwheat, Japanese. Enormous yielder. Large grains. Sow 1 bushel per acre during June and July. 48 lbs. per bushel.

Cowpeas, New Era and **Whippoorwill.** Sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. 60 lbs. per bushel.

Field Peas, Canada. Sow 1 $\frac{1}{2}$ bushels per acre, with 1 bushel of oats during April. Makes fine green feed. 60 lbs. per bushel.

Flax. Sow 1 bushel per acre during May and June. 56 lbs. per bushel.

Kaffir Corn. The grain is used for feeding poultry and the fodder for cattle. Sow in June and July, 10 pounds per acre. 56 lbs. per bushel.

Millet, Hungarian, Golden, and Japanese. An excellent emergency hay crop that can be harvested in 60 days. Sow Hungarian and Golden during June and July, 1 bushel (48 pounds) per acre; Japanese (35 lbs. per bushel), 12 pounds per acre.

Oats, Storm King, Swedish (Washington), and Welcome. Sow from April until June, 3 bushels per acre. 32 lbs. per bushel.

Rape, Dwarf Essex. A valuable green food for sheep and hogs. Sow 6 pounds per acre broadcast or in drills, at intervals from April 1 to October 1. 50 lbs. per bushel.

Rye, Spring. Sow 1 $\frac{1}{2}$ bushels per acre broadcast during April and May. 56 lbs. per bushel.

Regarding Prices

Constant market fluctuations on Farm Seeds make it inadvisable to list prices. We will be pleased to quote on application. Please specify quantity required

Rye, Winter, Rosen. Sow in October and November, 1 $\frac{1}{2}$ bushels per acre. 56 lbs. per bushel.

Sorghum or Sugar-Cane, Early Amber. Sow 25 pounds per acre in drills during May or June. 50 lbs. per bushel.

Sudan Grass. Similar to millet. Sow 16 to 24 pounds per acre broadcast during April, May, and June.

Sunflower, Mammoth Russian (for seeding). Excellent poultry-food. Sow 10 quarts per acre in drills. 18c. per lb. (by Parcel Post, 25c.); 5 lbs. 70c. (by Parcel Post, 80c.); \$1.25 per 10 lbs. (by Parcel Post, \$1.40); 25 lbs. \$3.00.

Timothy. Sow $\frac{1}{2}$ bushel per acre during April, August, or September. 45 lbs. per bushel.

Vetch, Winter (*Vicia villosa*) and **Spring** (*V. sativa*). For green feed, green manure, and cover crops. Sow 1 bushel per acre broadcast. 60 lbs. per bushel.

Wheat, Marquis. Sow 1 $\frac{1}{2}$ bushels per acre in drills. 60 lbs. per bushel. Winter varieties ready after September 15.

Field Corn

We make a specialty of choice Field Seed Corn, shelled from carefully tipped and butted ears and dried naturally by air.

Champion White Pearl

Early Canada Flint

Early Leaming Dent

Eureka White Ensilage

Golden Beauty

Improved Golden Dent

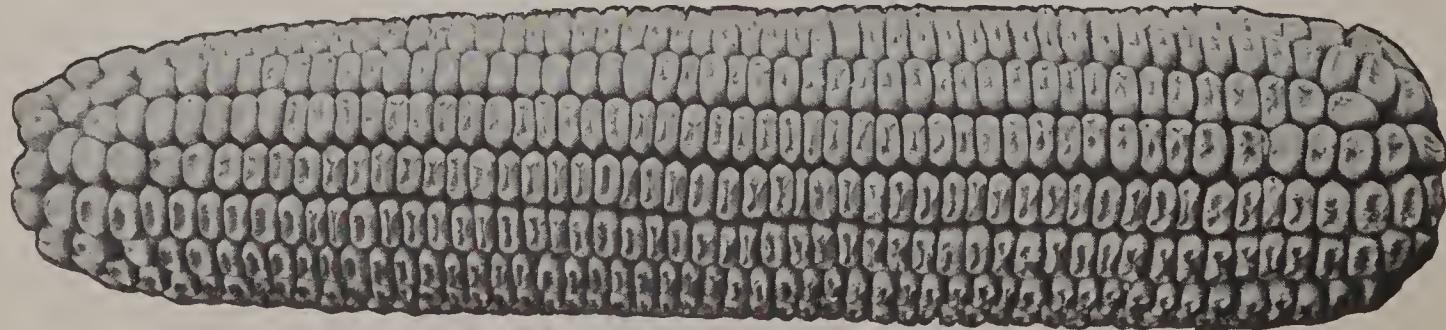
Field Corn weighs 56 pounds per bushel, and prices will be quoted on application.

Lancaster County Sure-Crop

Reid's Yellow Dent

Sweepstakes. A new deep orange variety, yielding 70 to 80 bushels of shelled Corn to the acre.

PRICES ON THIS PAGE SUBJECT TO CHANGE



Early Leaming Dent Corn



Lawn and Evergreen Planting

Michell's Grass Seed Mixtures Quality

Price should not be the prime consideration when buying Grass Seed. Low-quality seed may be the cause of endless trouble, in addition to setting the result of expensive labor and preparation at naught.

Our connections with the most reliable producers in this country and abroad place us in a position of advantage for our supplies, chiefly because of the large volume of Grass Seed for which we contract.

We are always pleased to submit samples, with prices, for comparison and let our customers be the judge.

Lawn Seed for Resale

Many florists, nurserymen, and landscapers find additional profit in the sale, to their customers, of better-grade Lawn Seed Mixtures. Michell's quality is known throughout the country and is backed by national advertising in selected mediums.

We offer our standard mixtures, listed below, put up in attractive cartons at very interesting prices when purchased in quantity.

Let us know your requirements, and we will furnish complete information and prices.

For the Lawn

Michell's Clover Lawn. Mixed with a most liberal quantity of best reseeded white clover. Especially suited to take firm hold and grow quickly on hard, worn-out, or burned spots; excellent for seashore lawns. 30 lbs. per bushel. 35c. per pt.; qt. 65c.; \$1.25 per 2 qts.; 4 qts. \$2.00; \$3.75 per 7 1/2-lb. bag; 15-lb. bag \$7.00; \$13.75 per 30-lb. bag; 100 lbs. \$44.00.

Michell's Top-Notch. The top-notch of quality. A perfectly blended combination of quick-growing, very compact, fine-bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bushel. \$3.25 per 6 1/4-lb. bag; 12 1/2-lb. bag \$6.00; \$11.75 per 25-lb. bag; 100 lbs. \$44.00.

Michell's Superior Bent. This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading Bent varieties. We recommend sowing this formula at the rate of 1 pound to 300 square feet. 90c. per lb.; 5 lbs. \$4.00; \$18.00 per 25 lbs.; 100 lbs. \$70.00.

Michell's Green Velvet. Produces a perfect lawn in four to five weeks' time. 20 lbs. per bushel. 20c. per pt.; qt. 35c.; 65c. per 2 qts.; 4 qts. \$1.25; \$2.25 per 5-lb. bag; 10-lb. bag \$4.25; \$8.00 per 20-lb. bag; 100 lbs. \$37.00.

Michell's Evergreen. The standard lawn mixture. 20 lbs. per bushel. 15c. per pt.; qt. 30c.; 55c. per 2 qts.; 4 qts. \$1.00; \$1.80 per 5-lb. bag; 10-lb. bag \$3.50; \$6.50 per 20-lb. bag; 100 lbs. \$30.00.

Michell's Fairmount Park Lawn. Very satisfactory mixture for general lawn-making. 20 lbs. per bushel. 13c. per pt.; qt. 20c.; 35c. per 2 qts.; 4 qts. 70c.; \$1.35 per 5-lb. bag; 10-lb. bag \$2.65; \$5.00 per 20-lb. bag; 100 lbs. \$21.00.

Michell's Greendale Lawn Seed. A quick-growing formula, producing a very satisfactory turf. Recommended for landscape work, where price is an important consideration. 20 lbs. per bushel. Not less than 1 bushel of this formula sold. \$4.00 per 20-lb. bag; 100 lbs. \$18.00.

For Special Conditions

Michell's Shaded Lawn. Will produce a perfect sward in the most densely shaded places. 20 lbs. per bushel. 25c. per pt.; qt. 45c.; 80c. per 2 qts.; 4 qts. \$1.50; \$2.75 per 5-lb. bag; 10-lb. bag \$5.00; \$9.75 per 20-lb. bag; 100 lbs. \$44.00.

Michell's Terrace or Embankment. A mixture of long-rooted grasses that hold soil and prevent washouts, unless too steep. 20 lbs. per bushel. 20c. per pt.; qt. 35c.; 65c. per 2 qts.; 4 qts. \$1.25; \$2.25 per 5-lb. bag; 10-lb. bag \$4.25; \$8.00 per 20-lb. bag; 100 lbs. \$37.00.

Michell's Seashore Formula. Contains such grasses as thrive in salt-air regions and seashore resorts. 20 lbs. per bushel. 35c. per qt.; 2 qts. 65c.; \$1.25 per 4 qts.; 5-lb. bag \$2.25; \$4.25 per 10-lb. bag; 20-lb. bag \$8.00; \$37.00 per 100 lbs.

Michell's Special Sod. Produces a heavy sod in a short time. Excellent for cemetery use. 20 lbs. per bushel. 20c. per pt.; qt. 35c.; 65c. per 2 qts.; 4 qts. \$1.25; \$2.00 per 5-lb. bag; 10-lb. bag \$3.75; \$7.00 per 20-lb. bag; 100 lbs. \$32.00.

Michell's Southern States Evergreen. Made up especially for dry, hot localities. 20 lbs. per bushel. 30c. per qt.; 2 qts. 55c.; \$1.00 per 4 qts.; 5-lb. bag \$1.80; \$3.50 per 10-lb. bag; 20-lb. bag \$6.50; \$30.00 per 100 lbs.

If Mixed Grass Seeds are wanted by Parcel Post, add for postage as follows: 10c. per 2 qts.; 10c. per 4 qts.; 15c. per 5 lbs.; 20c. per 10 lbs.; 30c. per 30 lbs. Larger quantities by Express or Freight

PRICES ON THIS PAGE SUBJECT TO CHANGE

Michell's Grass Seed Mixtures



If separate varieties of Grass Seeds are wanted by Parcel Post, add 10c. per lb.; 20c. per 10 lbs., for postage.
Larger quantities by Express or Freight

For the Farm

Michell's Permanent Pasture Grass Seed. Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established pastures. Bushel weighs 20 lbs. \$1.80 per 5-lb. bag; 10-lb. bag \$3.50; \$6.50 per 20-lb. bag; 100 lbs. \$30.00.

Michell's Permanent Hayfield Grass Seed. Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established fields. 20 lbs. per bushel. \$1.75 per 5-lb. bag; 10-lb. bag \$3.00; \$5.75 per 20-lb. bag; 100 lbs. \$26.00.

For Pleasure Grounds

Michell's Athletic Field Mixture. A special mixture of deep-rooting, fine-leaved grasses especially suited for baseball, football and cricket-grounds. 20 lbs. per bushel. \$1.80 per 5-lb. bag; 10-lb. bag \$3.50; \$6.50 per 20-lb. bag; 100 lbs. \$30.00.

Michell's Fairways (Golf-Course) Mixture. Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf-courses, to retain their permanency, should receive additional sowings during the season. 20 lbs. per bushel. \$2.00 per 5-lb. bag; 10-lb. bag \$3.75; \$7.00 per 20-lb. bag; 100 lbs. \$32.00.

Michell's Putting Greens Mixture. A quick-growing mixture of short, thin-bladed grasses, producing a turf of velvety texture. We recommend 100 pounds to a green 100 feet square. 25 lbs. per bushel. 70c. per qt.; 6 1/4-lb. bag \$4.75; \$9.00 per 12 1/2-lb. bag; 25-lb. bag \$18.00; \$70.00 per 100 lbs.

Michell's Tennis Court Mixture. A special combination of grasses that will withstand close mowing, frequent rolling, and heavy wear. 25 lbs. per bushel. \$3.75 per 6 1/4-lb. bag; 12 1/2-lb. bag \$7.25; 25-lb. bag \$14.50; \$57.00 per 100 lbs.

White Dutch Clover

Choice recleaned seed for lawn use. 85c. per lb.; 5 lbs. \$4.00; \$8.00 per 10 lbs.; 25 lbs. \$19.25.

Price for larger quantities on application

Michell's Reliable Grass Seeds

Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Bent Grass, Certified Seaside (*Agrostis maritima*). Very highest quality, certified and sealed in 50- and 100-pound bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal putting-green turf. \$1.10 per lb.; 10 lbs. \$10.00.

Bent Grass, Astoria. A native Bent grown in Oregon; similar in growth to the Colonial type. \$1.10 per lb.; 10 lbs. \$10.00.

Bent Grass, Colonial (*A. tenuis*; *A. capillaris*). \$1.10 per lb.; 10 lbs. \$10.00.

Bent Grass, South German Mixed (*A. stolonifera*). A mixture of creeping and velvet Bent types, suitable for greens, lawns, tennis courts, etc. \$1.35 per lb.; 10 lbs. \$12.50.

Bent, Velvet (*A. canina*). The finest textured of all the turf grasses. Pure seed is exceedingly scarce and commands a high price. \$3.50 per lb.

Bermuda Grass (*Cynodon Dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. 55c. per lb.; 10 lbs. \$5.00.

Blue Grass, Kentucky (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green, with narrow leaf-blades.

Fancy. 45c. per lb.; 10 lbs. \$4.00.

Superfine. 50c. per lb.; 10 lbs. \$4.50.

Blue Grass, Canada (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. 40c. per lb.; 10 lbs. \$3.50.

Crested Dogtail (*Cynosurus cristatus*). 55c. per lb.; 10 lbs. \$5.00.

Fescue, Chewing's New Zealand, Imported (*Festuca rubra fallax*). Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil-conditions. Excellent for lawn or putting-green. 90c. per lb.; 10 lbs. \$8.50.

Fescue, Fine-leaved (*F. tenuifolia*). This grass is especially valuable for dry soils. 90c. per lb.; 10 lbs. \$8.50.

Fescue, Genuine Red Creeping (*F. rubra*). Valuable for putting-greens, also for sowing on sandy soil and in shaded places. 90c. per lb.; 10 lbs. \$8.50.

Fescue, Meadow (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. 35c. per lb.; 10 lbs. \$3.00.

Fescue, Hard, Imported (*F. duriuscula*). A durable, wiry grass, gray-green in color; suitable for dry, sandy soils. Should always be sown in mixture with other grasses. An excellent grass for golf-links, tennis courts, etc.; will resist drought. 80c. per lb.; 10 lbs. \$7.50.

Fescue, Sheep's, Imported (*F. ovina*). Very similar to Hard Fescue. This makes an excellent grass for sowing on lawns, fields, or pleasure-grounds. 80c. per lb.; 10 lbs. \$7.50.

Orchard Grass (*Dactylis glomerata*). For early pasturing, this is very desirable; also fine for sowing in shaded places. 35c. per lb.; 10 lbs. \$3.00.

Red-Top (*Agrostis vulgaris*). One of the best grasses for immediate effect and as a nurse grass in lawn mixtures. It is fine bladed if mowed regularly. Adaptable to adverse soil-conditions.

Fancy. 35c. per lb.; 10 lbs. \$3.00.

Superfine. 40c. per lb.; 10 lbs. \$3.50.

Rough-stalked Meadow, Imported (*Poa trivialis*). An ideal lawn grass for shaded places. Fine, short-growing and dark green in color. 70c. per lb.; 10 lbs. \$6.50.

Rye Grass, Domestic. A quick-growing annual grass that is useful where immediate effect is desired. 18c. per lb.; 10 lbs. \$1.50.

Rye Grass, English or Perennial, Imported (*Lolium perenne*). A deep-rooted, quick-growing grass, valuable as a nurse grass in mixtures and excellent for pastures and hayfields. 30c. per lb.; 10 lbs. \$2.50.

Rye Grass, Pacey's English, Imported (*L. perenne Paceyi*). A more dwarf, finer-bladed strain of English Rye Grass. The best Rye Grass for use in lawn mixtures. 35c. per lb.; 10 lbs. \$3.00.

Rye Grass, Italian, Imported (*L. italicum*). Very desirable for pasture; comes to maturity the first season. The ideal seed for southern lawns in winter. 18c. per lb.; 10 lbs. \$1.50.

Timothy (*Phleum pratense*). A grass of high value for hay and pastures. 45 lbs. per bushel. 20c. per lb.; 10 lbs. \$1.50.

PRICES ON THIS PAGE SUBJECT TO CHANGE

HENRY F. MICHELL CO.

Michell's Thrifty Canna Roots

Our roots are extra strong, contain plenty of eyes, and are absolutely true to name. Cannas are one of the best plants to use for mass effects in all public places, such as parks, cemeteries, etc., and to a lesser degree in beds and borders of private homes. You should procure a good supply from us for your requirements. Their height is indicated after each variety.

	Doz.	100	1000
Ambassador. Brilliant cherry-red. Blooms early. Bronze foliage. 4 ft.	\$0 50	\$3 50	\$30 00
City of Portland. Large; glowing pink. Profuse bloomer. Green foliage. 3½ ft.	60	4 25	37 50
Eureka. An excellent white variety. Free bloomer. Green foliage. 4 ft.	50	3 50	30 00
Hungaria. Flowers large; rich peach-blossom-pink. Dwarf, compact. Green foliage. 3½ ft.	50	3 50	30 00
King Humbert. Immense heads of coppery scarlet flowers. Bronze foliage. Of majestic growth. 4½ ft.	50	3 50	30 00
Mme. Crozy. Scarlet bordered golden yellow. Green foliage. 3 ft.	50	3 50	30 00
Mrs. Alfred F. Conard. Perfectly formed, salmon-pink flowers of good size. Green foliage. 4 ft.	60	4 25	37 50
Richard Wallace. Light yellow flowers. Very floriferous. Green foliage. 4½ ft.	50	3 50	30 00
Shenandoah. Flowers salmon-pink, in large clusters. Ruby-red foliage. 4 ft.	50	3 50	30 00
The President. Immense, rich, glowing scarlet flowers. Green foliage. 4 ft.	50	3 50	30 00
Yellow King Humbert (Queen Helen). Flowers golden yellow, dotted red. Massive. Green foliage. 4½ ft.	50	3 50	30 00
Choice Mixed. An assortment of many colors—all large-flowering types. Strong roots.	50	3 25	27 50

25 Cannas of any one variety at 100 rate; 250 at 1000 rate



Canna, King Humbert

Spring Bulbs should be treated with SEMESAN

before planting, to guard against attacks of certain diseases, some of which rot the bulbs or retard the growth and vigor of the plant, thereby reducing their normal flowering.

PRICES

2 ozs.	\$0 35	25 lbs.	\$46 00
1 lb.	2 25	100 lbs.	175 00
5 lbs.	10 00		



New type Dwarf Dahlia

Dwarf Dahlias

For the Garden and for Forcing

This new race of Dwarf Dahlias has created quite a sensation. They are wonderful subjects for garden planting, forming dwarf, compact plants which bloom throughout the summer until frost. The flowers, which are produced in great profusion, are seldom over 4 inches in diameter.

Three New Dwarf Dahlias

ELEANOR. A real acquisition. The 4 to 5-inch decorative flowers are produced in great profusion throughout the summer months and until checked by freezing. The plant seldom grows over 15 inches high, and the foliage is practically hidden by the brilliant orange-crimson flowers.

GERDA. Very double 5 to 6-inch lilac-rose flowers are freely produced throughout the summer and fall on vigorous, healthy plants. This variety is particularly commendable because of its superior vitality.

RUBY MAY. The plant grows to a height of about 2½ feet. Flowers are a brilliant carmine-crimson of Semi-Cactus form, 5 to 6 inches in diameter. A welcome addition to this class.

Above varieties in pot-plants only. Ready after May 1
Any of above, 35c. each; doz. \$3.50; \$25.00 per 100

CHRISTINE. Small, dainty, pure white flowers.

EASTER GREETING. The white flowers are of better form than Christine and somewhat larger, but not as early.

ELSIE. Deep golden yellow at center, passing to rich orange-carmine toward the tips of petals. Flowers are of good size and of Semi-Cactus form.

GERTRUDE. Clear sulphur-yellow flowers of good size.

KATE. Showy bright scarlet flowers of formal contour.

LENA. A lovely light pink color.

MARIA. This is a decided improvement on Easter Greeting, and has already displaced that variety largely in Europe for forcing purposes. Strong, vigorous grower and produces a superior flower.

ROSALIE. Lilac-rose bloom shading lighter toward the center.

URSULA. Intense crimson Informal Decorative with carmine reverse. Flowers comparatively large.

Price, any of the above 3-inch pot plants, 25c. each; doz. \$2.50;
\$15.00 per 100

Michell's Cut-Flower and Exhibition Dahlias

A selection of choice cut-flower varieties is offered in this list. Orders for varieties not included here, but which are listed in our Retail Catalog, will be supplied at retail prices, less 20 per cent. Write for a copy of our Retail Catalog, if you do not have one. If

you desire varieties not listed by us, we shall be glad to fill your orders, as we have connections with the largest growers and can give prompt service. Unless otherwise specified, the varieties offered below will be supplied in dormant roots.

Abbreviations: ID., Informal Decorative; FD, Formal Decorative

Decorative Varieties

	Each	Doz.	100
Chemar's Eureka. FD. Very beautiful white bloom, faintly tinged lavender on edges of petals. Free bloomer. A good cut-flower.....	\$0 25	\$2 75	\$20 00
City of Trenton. ID. True autumn shades, reddish copper predominating. Large flowers with full centers.....	25	2 75	20 00
Dorothy Stone. ID. Huge, true deep pink flowers. Profuse bloomer.....	30	3 50	25 00
Elite Glory. FD. Rich red. Strong grower.	30	3 50	25 00
Fordhook Emperor. ID. A glorious blending of rich salmon and rose, making a general effect of apricot. An excellent bloomer.....	25	2 75	20 00
Forest Fire. ID. One of the most spectacular Dahlias introduced in years. Flowers of an unusually artistic form, lemon-yellow at base of petals, heavily tipped rich scarlet and enhanced with yellow petaloids	35	3 75	30 00
Fort Monmouth. ID. Giant rich crimson-maroon flower. Free bloomer and excellent keeper.	30	3 50	25 00
Fort Washington. FD. Choice, large, rich velvety maroon blooms.....	25	2 75	20 00
Graf Zeppelin. FD. Large; pure white. Profuse cut-flower variety.....	30	3 50	25 00
Ida Perkins. FD. One of the finest large, pure white varieties.....	25	2 75	20 00
Jane Cowl. ID. Deep blooms of bronzy buff and old-gold, blending darker toward the center...	20	2 25	15 00
Jersey's Beacon. FD. Bright scarlet, with a buff reflex, giving a two-toned effect. Free bloomer.	25	2 75	20 00
Jersey's Beauty. FD. Large pink flowers on long stems. As a cut-flower, one of the best keepers.	20	1 50	10 00
Kathleen Norris. ID. True rose-pink, deepening to mallow-pink, light center. Good bloomer ...	30	3 50	25 00



Decorative Dahlia

	Each	Doz.	100
Kemp's Violet Wonder. ID. Large, well-formed, bright violet-purple flower.....	\$0 35	\$3 75	\$30 00
Kentucky. FD. Pure salmon-pink. Similar in form and habit to Jersey's Beauty.....	25	2 25	15 00
Kentucky Red. FD. One of the brightest reds—a flaming scarlet that will stand considerable sunshine without fading.....	25	2 25	15 00
King Midas. ID. Clear golden yellow.....	30	3 50	25 00
Margaret Woodrow Wilson. ID. Creamy white, with phlox-pink reverse; huge blooms on good stems.....	25	2 75	20 00
Monmouth Champion. FD. Vigorous grower. Giant, brilliant orange-flame blooms.....	30	3 50	25 00
Mrs. I. de Ver Warner. FD. Immense, deep mauve-pink flowers of perfect form	20	1 50	10 00
Patricia Ann. FD. An immense bloom of picric-yellow, blending to alizarine-pink.....	40	4 00	30 00
Sagamore. FD. Golden amber, shaded toward the center with salmon-rose.....	20	2 00	12 00
The Commodore. ID. One of the largest and most spectacular yellow Dahlias. Many of the blooms are 1 foot across and of good depth; color a brilliant lemon-yellow; petals long and broad. Exceedingly free bloomer.....	30	3 50	25 00
The World. FD. Perfect, rich, deep, rosy magenta flowers overlaid garnet with silver shadings on edges of petals.....	30	3 50	25 00
Thomas A. Edison. FD. A royal purple exhibition variety, named for the Electrical Wizard. Approved at the Dahlia shows.....	35	3 75	30 00
Treasure Island. FD. Extra large, bright apricot, with gold and rose suffusion.....	25	2 75	20 00
White Jean Kerr. FD. A white Dahlia of medium size and always in bloom. Good keeper for cutting.....	20	1 75	12 00



Decorative Dahlia

Michell's Superb Dahlias

Cactus and Semi-Cactus Varieties

Abbreviations: C., Cactus; SC., Semi-Cactus; IC., Incurred Cactus	Each	Doz.	100
Alice Whittier. SC. Large; primrose-yellow; Each long stems. Good keeper.....	\$0 30	\$3 50	\$25 00
Ambassador. C. A good cut-flower. Color, soft yellow-buff, shaded salmon-pink.....	25	2 25	15 00
Cigarette. SC. A grand cut-flower variety. Creamy white, heavily edged orange-red.....	25	2 75	20 00
Elite Gem. C. Spinel-pink-blush on primuline-yellow base. A beautiful cut-flower.....	30	3 50	25 00
Emma Marie. SC. Violet-rose, creamy white center. Fine cut-flower.....	25	2 50	17 00
Golden Sonne. C. Rich golden yellow, with soft rose suffusion. Extra-large flowers.....	35	3 75	30 00
Marguerite Bouchon. C. Rose and white. An old free-blooming favorite, still in demand.....	30	3 50	25 00
Mariposa. SC. Beautiful pink, shading darker at center, with violet suffusion. Sturdy grower and a great favorite.....	30	3 50	25 00
Rheinischer Frohsinn. IC. Long, incurved petals, white at base, suffusing to luminous carmine-rose. A real cut-flower.....	35	4 00	30 00

Pompon Varieties

Betty Anne. Soft rose-pink, inclined to violet-rose; blooms small, uniform in size and form. Winner of many prizes	20	2 25	15 00
Cora May. Salmon-pink, shading to light primrose-yellow.....	20	2 25	15 00
Dee Dee. Pure lavender.....	20	2 00	15 00
Edith Mueller. Tyrian-pink, with silver reverse. A charming variety. Free bloomer	20	2 25	15 00
Goldilocks. Pure gold. A choice variety.....	20	2 25	15 00
Honey. Pale yellow, with faint suffusion of red on edges of petals. Free bloomer. Long stems. Excellent for cutting.....	20	2 25	15 00
Johnny. Dark red or maroon. The smallest Pom grown.....	20	2 25	15 00
Johnny Peppin. Small, dark crimson flowers of excellent formation, with firm stems.....	20	2 25	15 00
Little David. Brilliant salmon-scarlet flowers; long wiry stems.....	20	2 25	15 00
Little Edith. Gold, suffused red. Free bloomer. Excellent for cutting.....	20	2 25	15 00
Mary Munns. Fuchsia color, orchid sheen.....	20	2 25	15 00
Snowclad. Pure white. Free bloomer.....	20	2 25	15 00
Taka's Purple. Purple.....	25	2 50	17 00
Yellow Gem. Pure light yellow. Free bloomer. Long stems. Excellent for cutting.....	20	2 25	15 00



Pompon Dahlias



Cactus Dahlias

Miniature Varieties

Small decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

Abbreviations: MP., Miniature Pompon; D., Decorative; FD., Formal Decorative; C., Cactus; ID., Informal Decorative	Each	Doz.	100
Baby Royal. MP. Apricot and soft salmon-pink.....	\$0 25	\$2 75	\$18 00
Bishop of Llandaff. D. Bright scarlet, center deep garnet. Lacy foliage of reddish tinge.....	35	3 75	30 00
Camellia. FD. Bright orange-flame, center usually full, of brilliant color. Good keeper....	35	3 75	30 00
Fragrance. (Single.) Each petal is snow-white, with a broad margin of bright scarlet.....	35	3 75	30 00
Lady Mary Hope. ID. Amber and orange, tipped white.....	35	3 75	30 00
Little Jewel. D. Peach-blossom-pink.....	25	2 50	20 00
Orchid Lady. Bright violet-rose or light lilac..	35	3 75	30 00

Dahlias in Separate Colors

Undivided Large Clumps

These are excellent for retailing in your store

Each	Doz.	100	Each	Doz.	100		
Pink	\$0 15	\$1 50	\$11 00	White....	\$0 15	\$1 50	\$11 00
Red	15	1 50	11 00	Yellow...	15	1 50	11 00

MICHELL'S DAHLIA FOOD

A perfectly balanced fertilizer containing all the necessary elements to produce strong, vigorous plants and beautiful flowers. Especially prepared for Dahlias. 50 lbs. \$2.00; \$3.75 per 100 lbs.

Dusting Dahlia tubers with Semesan or soaking them in liquid Semesan will generally prevent rotting in storage or soil.

Michell's Superb Gladiolus

Our Gladiolus bulbs are carefully cured and graded, the first-size bulbs being properly prepared for forcing. Bulbs are produced under the best conditions on our contract farms in Michigan, and also eastern points, and have been raised from stock which has not been used for cut-flower purposes. This insures quality bulbs that can be depended on for good results under proper care and culture. If our customers desire any varieties or other sizes of Gladiolus not in our list, please write us for prices, etc., as we are in a position to take care of your needs.

PLEASE NOTE: All Gladiolus bulbs offered are first size, 1½ inch and up, unless otherwise specified

Named Varieties

	Doz.	100	1000
Albania. One of the finest of pure whites. Flowers large. Free bloomer.			
First-size bulbs, 1½ in. and up.....	\$0 35	\$1 75	\$12 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	9 00
Albatross. Immense, pure white blooms of unusual substance.			
First-size bulbs, 1½ in. and up.....	45	2 25	18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 85	15 00
America. Flesh-pink, tinged with lavender. Very free bloomer.			
First-size bulbs, 1½ in. and up.....	25	1 50	11 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00
Anna Eberius. Dark velvety purple, throat a deeper shade; flowers large, on long spikes.			
First-size bulbs, 1½ in. and up.....	40	2 00	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 75	13 00
Ave Maria. A large medium blue with purplish blotches. An exhibition variety.			
First-size bulbs, 1½ in. and up.....	50	3 00	25 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 50	21 00
Betty Snow. Large pinkish lavender flowers well placed on long spikes. Very fine cut-flower variety.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
Betty Nuthall. One of the finest varieties of recent introduction. Color a soft tone of light salmon-pink, with pale orange throat.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00
Byron L. Smith. Delicate lavender-pink on white ground—equal in color to a very fine Cattleya orchid. An excellent cut-flower.			
First-size bulbs, 1½ in. and up.....	40	2 00	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 75	13 00
Captain Boynton. White, suffused lavender, blotched deeper in throat. Very attractive....			
Commander Koehl. Large flowers on tall stems, brilliant scarlet-blood-red. A new introduction and one of the finest reds.			
First-size bulbs, 1½ in. and up.....	40	2 25	18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 75	14 00
Crimson Glow. One of the best scarlet varieties. Lower petals blotched carmine; flowers large.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 35	9 00
Dr. F. E. Bennett. Peach-red, overlaid flame-color, throat finely stippled ruby and white.			
First-size bulbs, 1½ in. and up.....	40	2 00	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 75	13 00
Early Sunrise. Orange-salmon, with salmon-scarlet blotch on lower petals. Extremely early.			
First-size bulbs, 1½ in. and up.....	45	2 75	23 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 40	20 00
E. J. Shaylor. A beautiful ruffled variety with large, clear deep rose-pink flowers. Good cut-flower.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00
Evelyn Kirtland. Beautiful geranium-pink, darker at the edges, scarlet blotches on lower petals; well-arranged flowers on tall spikes.			
First-size bulbs, 1½ in. and up.....	35	1 75	14 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00
Flaming Sword. Very early. Bright scarlet-red. Very good forcer.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00
Giant Nymph. Very large; light pink, suffused with cream-yellow. Strong grower and an excellent cut-flower.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00
Golden Frills. Deep yellow, penciled rose.			
First-size bulbs, 1½ in. and up.....	30	1 75	13 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 35	10 00
Halley. Very large, well-expanded flowers of a lovely salmon-pink, blotched yellow, with carmine markings. Early.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00



Gladiolus, Halley

LARGER QUANTITIES OF
GLADIOLUS BULBS
THAN THOSE LISTED WILL
BE QUOTED UPON
APPLICATION



Gladiolus, W. H. Phipps

Beloit, Wisc.

Wish to say that we were more than pleased with the Gladiolus bulbs you sent us, and also that we were among the very few that had Glads during the hot weather.

—Gateway City Greenhouse

Michell's Superb Gladiolus

NAMED VARIETIES, continued

La Paloma. (Primulinus.) Large, brilliant orange flowers. Vigorous grower.				100	1000						
First-size bulbs, 1½ in. and up.....	\$0 35	\$1 85	\$15 00								
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00								
Le Marechal Foch. Immense, ruffled, pale pink, flaked and striped deeper at edges.											
First-size bulbs, 1½ in. and up.....	35	1 85	15 00								
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	12 00								
Los Angeles. Large, salmon-pink blooms on long stems. Early flowering.											
First-size bulbs, 1½ in. and up.....	30	1 50	12 00								
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00								
Maid of Orleans. Large white flowers, with cream centers, perfect in form, on straight spikes fine for cutting.											
First-size bulbs, 1½ in. and up.....	45	2 50	20 00								
Second-size bulbs, 1¼ to 1½ in.....	40	2 00	16 00								
Mary Pickford. A choice flower and spike; creamy white, throat sulphur-yellow.											
First-size bulbs, 1½ in. and up.....	35	1 75	14 00								
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00								
Minuet. A sensational light lavender with 4 to 6 large, heavy blooms open at one time.											
First-size bulbs, 1½ in. and up.....	45	2 25	18 00								
Second-size bulbs, 1¼ to 1½ in.....	35	1 85	15 00								
Mother Machree. A leader in its class. Color a smoky lavender overlaid toward the edges with salmon-pink. An odd but pretty variety that is always popular.											
First-size bulbs.....	45	2 75	23 00								
Mrs. Dr. Norton. Large flowers on tall spikes; white, with edges suffused soft La-France-pink. Fine cut-flower.											
First-size bulbs, 1½ in. and up.....	35	1 75	14 00								
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00								
Mrs. F. C. Peters. Rosy lilac with soft crimson blotch; very large flowers.											
First-size bulbs, 1½ in. and up.....	40	2 00	16 00								
Second-size bulbs, 1¼ to 1½ in.....	30	1 75	13 00								
Mrs. Francis King. Flame-pink, with lighter throat. Tall grower. An old favorite cut-flower variety.											
First-size bulbs, 1½ in. and up.....	30	1 75	13 00								
Second-size bulbs, 1¼ to 1½ in.....	25	1 35	10 00								
Mrs. Frank Pendleton, Jr. Flowers very large, lovely flushed salmon-pink with carmine blotches in throat.											
First-size bulbs, 1½ in. and up.....	35	1 75	13 00								
Second-size bulbs, 1¼ to 1½ in.....	25	1 35	10 00								
Mrs. Leon Douglas. Begonia-rose, striped brilliant scarlet, lower petals pale lemon speckled ruby. Flowers enormous, many open at a time.											
First-size bulbs, 1½ in. and up.....	35	1 75	14 00								
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00								
Mrs. P. W. Sisson. Large flowers, many open at one time; color cameo-pink, with cream blotch. An ideal cut-flower. Blooms late mid-season.											
First-size bulbs, 1½ in. and up.....	35	1 85	15 00								
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00								
Paul Pfister. Dark violet-red; very large and heavily ruffled. An early midseason variety...											
Peace. White, with lilac feather on the lower petal. Recommended for late planting.											
First-size bulbs, 1½ in. and up.....	30	1 50	12 00								
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00								
Picardy. Flowers well formed, clear flesh-pink, shading to soft shrimp at edges of petals.											
First-size bulbs, 1½ in. and up.....	30	1 50	11 00								
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	8 00								
Polar Ice. Pure white without markings. Early flowering, with 6 to 8 well-placed blooms open at one time.											
First-size bulbs.....	45	2 25	18 00								

SEMESAN

Prevent scab, hard rot, and similar surface-borne diseases from destroying your Gladiolus corms by soaking them in 2 per cent liquid Semesan. See page 93.

Primrose Princess. Large; light yellow, carmine markings. One of the most popular varieties.	Doz.	100	1000
First-size bulbs.....	\$0 35	\$1 75	\$14 00
Second-size bulbs.....	25	1 50	11 00
Red Phipps. Unusual color—strikingly beautiful bright scarlet. Tall spike with large florets.			
First-size bulbs.....	45	2 25	18 00
Second-size bulbs.....	35	1 85	15 00
Ruth Huntington. Violet-lilac, with deeper markings on lower petals. Large, strong grower. Spikes well formed. A favorite for cutting.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
Schwaben. Soft, pure yellow, purple blotch on lower petals. Heavy spike and foliage.			
First-size bulbs, 1½ in. and up.....	35	1 75	14 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00
Star of Bethlehem. Immense pure white blooms. A lovely flower with a large number of florets of good substance open at one time. One of the best whites.			
First-size bulbs.....	50	3 00	25 00
Second-size bulbs.....	45	2 50	22 00
Virginia (Scarlet Princeps). Intense scarlet, slightly deeper in throat. Extra fine. Early and much in demand.			
First-size bulbs, 1½ in. and up.....	30	1 75	13 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 35	10 00
W. H. Phipps. La-France-pink, overlaid rose-salmon. Destined to become an outstanding florist's variety. Ten to 20 blooms open at one time.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
Wilbrink. Flesh-pink flowers, with creamy white blotch on lower petals. Very early. Highly recommended for forcing.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
Yellow Favorite. Deep yellow, penciled scarlet. A fine variety.			
First-size bulbs, 1½ in. and up.....	30	1 50	12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00

Mixtures of Gladiolus

Michell's Giant-flowering. This mixture has been selected with the utmost care for coloring and size of flowers.	Doz.	100	1000
First-size bulbs, 1½ in. and up.....	\$0 30	\$1 50	\$12 00
Second-size bulbs, 1¼ to 1½ in.....	20	1 25	9 00

50 bulbs of any one variety at 100 rate; 250 at the 1000 rate

SULROTE (Rotenone Sulphur)

A non-poisonous dust that keeps gladiolus thrips under control. By using Rotenone you can grow full spikes of perfect Gladiolus blooms that will delight you. The best remedy for this pest.

Lb. 35c.; \$1.15 for 5 lbs.; 25 lbs. \$4.00; \$15.00 per 100 lbs.



Michell's Special Brand Lily Bulbs

SUGGESTIONS IN CONNECTION WITH THE GROWING OF HARDY LILIES UNDER GLASS

Hardy Lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained; in fact, if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many early blooms. We refer particularly to *Magnificum*, *Melpomene*, *Rubrum*, and *Album*.



Lilium speciosum rubrum

Hardy Lilies

These are excellent for growing under glass as they force readily in a moderate temperature, as described above. Prices are for shipment up to May 1, and include all cold-storage charges. After this date an additional 20 cents per case, per month, will be made for cold-storage and insurance charges.

Auratum. Golden-banded Lily. Bulbs per case Doz. 100 Case
First-size bulbs, 8 to 9 in. 200 \$1 50 \$9 00 \$16 00
Mammoth bulbs, 9 to 11 in. 125 2 25 13 00 16 00
Monster bulbs, 11 to 13 in. 100 2 75 18 00 18 00

Speciosum album. Pure white.

First-size bulbs, 8 to 9 in. 3 00 16 00
Mammoth bulbs, 9 to 11 in. 3 50 25 00

Speciosum magnificum. Rich crimson.

First-size bulbs, 8 to 9 in. 200 1 75 10 00 17 00
Mammoth bulbs, 9 to 11 in. 125 2 50 15 00 17 00
Monster bulbs, 11 to 13 in. 100 3 25 20 00 20 00

Speciosum Melpomene. Pink, spotted red.

First-size bulbs, 8 to 9 in. 200 1 75 10 00 17 00
Mammoth bulbs, 9 to 11 in. 125 2 50 15 00 17 00
Monster bulbs, 11 to 13 in. 100 3 25 20 00 20 00

Speciosum rubrum or roseum. Pink.

First-size bulbs, 8 to 9 in. 200 1 75 10 00 17 00
Mammoth bulbs, 9 to 11 in. 125 2 50 15 00 17 00
Monster bulbs, 11 to 13 in. 100 3 25 20 00 20 00

Tigrinum flore-pleno. Double Tiger Lily. 2 00 12 00

Tigrinum splendens. Single Tiger Lily. 2 00 12 00

Prices on Hardy Lilies subject to change

Lilium longiflorum giganteum (Cold Storage)

Michell's Special Forcing Brand

True northern-mountain grown. We are now booking orders for shipment throughout 1940. Let us provide your requirements now.

	No. of bulbs per case		No. of bulbs per case
7 to 9 in.	100	8 to 10 in.	225
7 to 9 in.	300	9 to 10 in.	100
8 to 9 in.	250	9 to 10 in.	200
8 to 10 in.	100	10 to 12 in.	150

Write for prices

Miscellaneous Hardy Lilies

The hardy native Lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
Canadense. Bright yellow.	\$2 00	\$14 00
Canadense rubrum. Red.	2 25	15 00
Davuricum. Upright scarlet flowers.	2 00	14 00
*Elegans, Mixed. Shades of orange.	1 75	12 00
Hansoni. Reddish orange.	3 25	22 50
Henryi. Orange-yellow.	2 25	15 00
*Kramerii (<i>L. japonicum</i>). Blush-pink.	2 25	15 00
Macranthum (<i>L. auratum platyphyllum</i>). Giant Golden-banded Lily.	2 00	12 50
Martagon. Light purple flowers with dark spots.	2 50	18 00
Superbum. Orange-red.	2 25	15 00
*Umbellatum. Orange-scarlet.	2 00	14 00

***Tenuifolium.** Coral Lily. Plants reach a height of 1½ feet, with clusters of brilliant scarlet, star-like flowers on wiry stems. Grows very easily in a well-drained pocket in the rock-garden. 75 cts. per doz.; per 100, \$5.00; \$40.00 per 1000.

The varieties marked * are excellent for the rockery

Regale Lily · *Lilium myriophyllum*

	Doz.	100	1000
6 to 7 in.		\$1 00	\$52 50
7 to 8 in.		1 25	7 00
8 to 9 in.		1 50	9 00
9 to 10 in.		2 00	12 50
10 to 11 in.		3 00	17 50

Lilium philippinense formosanum

Flowers outdoors in July

This is an ideal Lily for growing under glass or in the garden or nursery. It blooms profusely and its very fragrant flowers resemble an Easter Lily. Color pure white; outside of bloom when first opening is slightly colored with reddish brown which fades as the flower matures.

Strong, large bulbs, 80c. per doz.; per 100, \$6.00; \$50.00 per 1000.

Lily-of-the-Valley

Michell's Fancy Giant-flowering. Cold Storage. We have specialized in Lily-of-the-Valley, and our strains are said to be among the finest. A generous supply of pips has been placed in storage, and these can be shipped immediately or later, as wanted. Packed in the following units: 100, 250, 500, 1000, and 2500. Prices on application.

Bundles. For outdoor use only. Bundles contain 12 good-sized pips with fine root-growth. They are imported from abroad, the best of the crop being selected for us, carefully packed, and can be stored in a cold cellar. We can make shipment of these as late as April 1. 40c. per bundle; 1 doz. bundles, \$4.25; \$33.00 per 100 bundles.

25 bulbs of any one variety at 100 rate; 250 at 1000 rate



Regale Lily

Michell's Profit-Providing Bulbs for Florists



Amaryllis

Amaryllis (Ready in October) Giant American Hybrids

We believe our famous Giant American Hybrids to be the finest race of Amaryllis in cultivation. The enormous flowers are of fine form, and come in a great diversity of colors. They make fine pot-plants for store sales, and sell on sight when in bloom, at a good price. We offer mixed colors only. \$4.00 per doz.; per 100, \$30.00.

BEGONIAS, Tuberous-rooted

The Tuberous-rooted Begonias make fine pot-plants for Mother's Day, Decoration Day, or for spring bedding, as they bloom continuously. We furnish 1½ to 2-inch bulbs, or best commercial size.

Single Frilled Begonias (Large Bulbs)

	Doz.	100	1000		Doz.	100	1000
Crimson	\$1 00	\$7 50	\$65 00	Scarlet	\$1 00	\$7 50	\$65 00
Orange	1 00	7 50	65 00	White	1 00	7 50	65 00
Pink and				Yellow	1 00	7 50	65 00
Rose	1 00	7 50	65 00	Mixed	90	6 50	55 00
Salmon	1 00	7 50	65 00				

Double Camellia-flowered Begonias (Large Bulbs)

	Doz.	100	1000		Doz.	100	1000
Crimson	\$1 00	\$7 50	\$65 00	Scarlet	\$1 00	\$7 50	\$65 00
Orange	1 00	7 50	65 00	White	1 00	7 50	65 00
Pink and				Yellow	1 00	7 50	65 00
Rose	1 00	7 50	65 00	Mixed	90	6 50	55 00
Salmon	1 00	7 50	65 00				



Tuberous Begonias

Double Carnation-flowered Begonias (Large Bulbs)

A beautiful frilled type with serrated edges.

	Doz.	100	1000		Doz.	100	1000
Orange	\$1 25	\$8 50	\$75 00	Scarlet	\$1 25	\$8 50	\$75 00
Pink and				White	1 25	8 50	75 00
Rose	1 25	8 50	75 00	Yellow	1 25	8 50	75 00
Salmon	1 25	8 50	75 00	Mixed	1 00	7 50	65 00

Begonia pendula (Hanging-Basket Type)

Unsurpassed for vases, hanging-baskets, porch- and window-boxes.

	Doz.	100	1000
Mixed Colors		\$1 25	\$9 00

Fancy-Leaved Caladiums

We list only choice named and newer sorts, including Brazilian types. They cover a wide range of bright colorings and markings too difficult to describe. For summer store decoration or as pot-plants, we know of nothing finer. Start bulbs in damp moss with plenty of bottom heat and an occasional dampening. Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

Extra-Fancy Highly Colored Named Varieties. \$1.75 per doz.; per 100, \$12.00; \$110.00 per 1000.

Mixed Varieties. An assortment especially blended for us. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.



Fancy-leaved Caladium

Caladium esculentum • Elephants-Ear

	Doz.	100
First-size bulbs , 7 to 9-in. circum.	\$0 60	\$3 75
Mammoth bulbs , 9 to 11-in. circum.	95	6 50
Monster bulbs , 11 to 13-in. circum.	2 00	14 00
Jumbo bulbs , 13 to 15-in. circum.	3 50	25 00

CALLAS

These make excellent pot-plants, which always find a ready sale. For outdoor planting in a shady location, they are unexcelled.

Calla Elliottiana • Yellow Calla

	Doz.	100	1000
Mammoth bulbs , 2 to 2½-in. diam.	\$1 75	\$10 00	\$90 00
Monster bulbs , 2½ to 3-in. diam.	2 25	15 00	140 00
Jumbo bulbs , 3 to 3½-in. diam.	3 50	25 00	225 00

Spotted Calla

Flowers white. Foliage green, spotted white. \$1.75 per doz.; per 100, \$11.00; \$100.00 per 1000.

50 bulbs of any one variety at 100 rate; 250 at 1000 rate

Michell's Profit-Providing Bulbs for Florists



Tigridia pavonia

Gloxinias

An ideal pot-plant for Mother's Day, Decoration Day, or for spring bedding, as they always command a good price. We furnish 1½-inch to 2-inch bulbs.

Doz. 100 1000

Emperor Frederick. Enormous red flowers striped white.....	\$2 00	\$12 00	\$110 00
Emperor William. Purple, striped white.....	2 00	12 00	110 00
Mont Blanc. White.....	2 00	12 00	110 00
Queen Wilhelmina. Rose.....	2 00	12 00	110 00
Tigrina. Tigered and Spotted.....	2 00	12 00	110 00
Violacea. Purple.....	2 00	12 00	110 00
Choice Mixed Colors	1 65	11 00	100 00

Hyacinthus • Summer Hyacinth

Candicans. White flowers. Very desirable for planting in borders.
Large bulbs, \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.

Ismene calathina • Pancratium Lily

Beautiful waxy white flowers, deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

Montbretias, Giant-flowering Varieties

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light loamy soil, well enriched with leaf-mould, but no manure or chemical fertilizer should touch the roots; a little bonemeal and a light top-dressing of lime should prove beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

Doz. 100

Aurea. Yellow.....	\$0 75	\$5 00
Fire King. Fiery red	60	3 50
George Davison. Pure golden yellow.....	65	4 00
King Edmund. Rich golden yellow, with brown markings in throat.....	75	5 00
Choice Mixed	\$25.00 per 1000..	50 3 00

Oxalis, Summer-flowering

Excellent for the florist with a retail store. They sell readily. Extra-large bulbs.

	Doz.	100	1000
Deppei. White.....	\$0 20	\$1 00	\$8 50
Lasiandra. Pink.....	25	1 25	11 00
Shamrock. Pink.....	30	1 75	15 00

Tigridia pavonia • Mexican Shell-Flower

An excellent flowering bulb for the garden, known as the Tiger or Shell-Flower. Colors vary from pure white to gold and vivid scarlet—all deeply blottedched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep. They require treatment similar to gladiolus.

	Doz.	100	1000
Hybrids, Mixed	\$1 25	\$8 50	\$75 00

Tuberoses

Our bulbs run full size and will bloom. Florists should grow more of these, as they are profitable and of late have been in good demand in early fall.

	Doz.	100	1000
Double Pearl. Double; pure white.	\$0 45	\$3 00	\$25 00
Full bulbs, 4 to 6-in. circum.....	75	5 50	45 00
Mammoth bulbs, 6 to 8-in. circum.....	45	3 00	25 00

Albino or Mexican. Single; white.

First-size bulbs.....

Zephyranthes • Fairy Lily

This is a small-flowering type of dwarf-growing Amaryllis, adapted for pot- and pan-culture. Excellent for garden flowering the entire season.

	Doz.	100	1000
Carinata. Very large and showy pink blooms...	\$0 60	\$4 00	\$35 00
Treatiae alba. White.....	45	2 50	20 00
Treatiae rosea. Pink.....	50	3 00	25 00



Giant-flowering Montbretia

Michell's Choice Plants for Florists

Important.—The stock offered by us is the best obtainable and will satisfy the most critical buyer. However, we cannot guarantee the success of the grower who purchases the stock, but if it proves untrue to name our liability is limited to the invoice value at the time of shipment.

We recommend all shipments to go by Express, except small ones, which can readily go by mail. If shipments arrive in bad condition, accept them and receipt for them accordingly, then enter claim to the transportation company. We will assist you in every possible way.

Any complaints as to quality cannot be entertained, unless made to us within 2 days after receipt of goods.

No orders filled for less than 25 plants of any one variety, except where noted

Abutilon • Flowering Maple

Souv. de Bonn. Leaves green, bordered creamy white.	25	100		
Orange flowers. 2½-in. pots		\$2 00	\$7 50	
Thompsoni. Foliage blotched with yellow. Salmon-pink flowers. 2½-in. pots	2 00	7 50		

Acalypha • Chenille or Comet Plant

Sanderi. Foliage green, bearing rope-like red spikes from 1 to 2 feet long. 2½-in. pots	2 50	9 00		
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Agathea

Coelestis. Blue Daisy. 2½-in. pots	2 50	8 00		
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Ageratum

	100	1000		
Beauty. Rich blue. Rooted cuttings	\$1 75	\$15 00		
2½-in. pots	6 00	55 00		
Cardinal Mundelein. Rooted cuttings	1 75	15 00		
2½-in. pots	6 00	55 00		
Fraseri Improved. Rooted cuttings	1 75	15 00		
2½-in. pots	6 00	55 00		
Stulb's Improved. Rooted cuttings	2 50	22 50		
2½-in. pots	6 00			
Wilson. Rooted cuttings	1 75	15 00		
2½-in. pots	6 00	55 00		

Alternanthera

Aurea nana. Rooted cuttings	2 00	17 00		
Rosea nana. Rooted cuttings	2 00	17 00		
Brilliantissima. Rooted cuttings	2 00	17 00		

Any of above, 2½-in. pots, \$5.00 per 100; per 1000, \$45.00

Araucaria

Excelsa. Norfolk Island Pine.	Each	Each		
5-in. pots	\$2 00	6-in. specimens	\$4 00	
6-in. pots	3 00			

Asparagus

	25	100	1000	
Plumosus manus. 2½-in. pots	\$1 75	\$6 00	\$50 00	
3-in. pots, extra strong	3 50	12 00	100 00	
Sprengeri. 2½-in. pots	1 75	6 00	50 00	
3-in. pots	3 50	12 00	100 00	

Asplenium Nidus-Avis • Birds' Nest Fern

	12	100		
2-in. pots		\$3 50	\$22 50	
3-in. pots		5 00	37 50	
4-in. pots		10 00	75 00	

Azaleas, Kurume (2½-inch pots)

Delivery of these Azaleas can be made until April 15

	100	1000		
Charles Encke. Salmon and white	\$10 00	\$90 00		
Coral Bells. Coral-pink	10 00	90 00		
Hexe. Single; crimson	10 00	90 00		
Hinodegiri. Carmine-pink	8 00	75 00		
Marie Louise. White, pink striped	10 00	90 00		
Pink Pearl.	10 00	90 00		
Salmon Beauty.	10 00	90 00		
Snow.	10 00	90 00		

Begonias (Ready in July)

These indispensable Christmas plants are grown for us by the foremost specialist in that line. Grown from leaf-cuttings.

Marjorie Gibbs. 2½-in. pots		} Write for prices
Lady Mac. 2½-in. pots		
Melior. 2½-in. pots		

Begonia, Rex

Mixed. Finest varieties.	2½-in. pots	\$3 25	\$12 00	
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Miscellaneous Begonias

	25	100	1000	
Christmas Cheer. 2-in. pots	\$1 75	\$5 50	\$50 00	
Darling. Carmine-rose. 2-in. pots	1 75	5 50	50 00	
Glow. Dark red. 2-in. pots	1 75	5 50	50 00	
Luminosa. 2-in. pots	1 75	5 50	50 00	
Pink Chatelaine Supreme. 2-in. pots	2 50	8 00	65 00	
Primadonna. 2-in. pots	1 75	5 50	50 00	
Westport Beauty. Double; rose-pink. 2½-in. pots	4 00	15 00		
3-in. pots	7 50	25 00		

Beloperone guttata • Shrimp Plant

An exceptionally attractive flowering plant that is fine as a pot subject.

	25	100	
2½-in. pots		\$2 50	\$9 00
3-in. pots		6 00	20 00

Bougainvillaea

Crimson Lake.	3 50	12 00	
Sanderiana.	3 00	10 00	

Bouvardia

Giant Pink. 2½-in. pots	4 00	14 00	
Humboldti. 2½-in. pots	4 00	14 00	
Joy White. 2½-in. pots	4 00	14 00	

Browallia

Viscosa compacta, Sapphire. New. Extremely floriferous. Dark blue, white eye. Height, 9 to 10 inches. Excellent for pot-culture.	2 00	7 00	
Speciosa (major). Rich blue. 2½-in. pots	2 00	7 00	

Carnations, Rooted Cuttings

Ready for delivery January and later. Extra-fine, clean, healthy stock.

	100	1000	
Barbara Farr. Red sport of Spectrum	\$9 00	\$80 00	
Chief Kokomo. Plant Patent No. 35. Yellow	12 00	100 00	
Dark Pink Virginia. Lovely rose-pink	12 50	100 00	
Delicacy. White, variegated dark pink	8 00	70 00	
Dichling. Lovely cerise	8 00	70 00	
Dimity. White, claret variation	7 00	60 00	
Eleanor. Light salmon flowers of good quality	8 00	70 00	
Golden Wonder. Variegated yellow	7 00	60 00	
Joan Marie. Plant Patent No. 3. New. White	7 00	60 00	
Johnson's Crimson. Crimson	7 00	60 00	
King Cardinal. Patented. One of the best scarlets	12 00	100 00	
Laddie. Giant; beautiful pink	20 00	175 00	
Light Pink Abundance. Plant Patent No. 56	12 00	100 00	
Maine Sunshine. Clear yellow	8 00	70 00	
Maytime. One of the finest light pinks	9 00	80 00	
New Deal Ward. An improved Ward	6 00	50 00	
Opal. Plant Patent No. 69. Purple variegated	12 00	100 00	
Olivette. New white	12 50	100 00	
Paragon. Deep pink. Strong grower	9 00	80 00	
Patrician. Large white flowers. One of the best shippers	6 50	55 00	
Pelargonium. White ground, blotched crimson-maroon	12 50	100 00	
Peter Fisher. Light pink	7 00	60 00	
Pharao. Orange, tipped with bright red	15 00	125 00	
Pink Abundance. Pink	6 00	50 00	
Pink Treasure. New. Deep rose-pink	20 00	150 00	
Potentate. Rich crimson-purple	7 00	60 00	
Puritan. Large; white. A quality variety	8 00	70 00	
Purity. Excellent white	8 00	70 00	
Remembrance. Orchid-shaded flowers, 3 inches in diameter. Good stems and a fine keeper	20 00	150 00	
Rosalie. Patented. Medium pink	20 00	150 00	
Royal Purple. Purple-maroon, with velvety lustre	20 00	150 00	
Snow-White. Large flowers. Heavy producer	15 00	125 00	
Seth Parker. Patented. Large; bright crimson. Free bloomer	20 00	150 00	
Spectrum Supreme. Improved spectrum red	6 50	55 00	
Virginia. Salmon-pink	7 00	60 00	
Woburn. The best crimson	8 00	70 00	
Yellow Gold. Clear golden yellow	20 00	150 00	

Write for other varieties not listed

Chinese Evergreen

One of the most satisfactory plants for indoor growing.	25	100
2½-in. pots	\$4 50	\$14 00
3-in. pots	7 00	25 00

Our collection of Miniature Garden Plants is unique

Coleus, Rooted Cuttings

American Beauty.	Contrasting colors of fire-red, yellow, green, purple, or orange.....	100	1000
		\$2 00	\$15 00
Beauty of Lyon.	Dark gray and gold.....	2 00	15 00
Beckwith's Gem.	Maroon, bordered red, edged green.....	2 00	15 00
Big Tim.	Wine-colored, yellow and green.....	2 00	15 00
Brilliancy.	Bright carmine, shading off to a deep maroon, margined yellow and green.....	4 00	37 50
Butterfly.	Bright carmine, margined yellow and green.....	2 00	15 00
Defiance.	Yellow and red. Very showy.....	2 00	15 00
Firebrand.	Bright maroon, flamed vivid scarlet.....	2 00	15 00
Golden Bedder.	The favorite yellow.....	2 00	15 00
Pink Verschaffelti.	2 00	15 00	
Queen Victoria.	Cardinal-red, golden border.....	2 00	15 00
Salvador.	Soft crimson-maroon, bordered green and gold.....	2 00	15 00
Trailing Beauty.	Very high color, similar to Salvador.....	2 00	15 00
Trailing Queen.	The so-called running variety, with small foliage having yellow and pink center, bordered maroon and green.....	2 00	15 00
Verschaffelti.	The standard crimson variety.....	2 00	15 00
	Not less than 100 of any variety sold		

Crassula arborescens

We have a fine stock of these.	25	100	1000
Extra-strong rooted cuttings.....		\$4 00	\$30 00
2½-in. pots.....	\$2 25	8 00	70 00
3-in. pots.....	4 00	15 00	

Crotons

Assorted varieties, well colored.	12	25	100
2½-in. pots.....	\$2 00	\$3 50	\$12 00
3-in. pots.....	3 50	7 00	25 00
4-in. pots.....	5 00	10 00	35 00
5-in. pots.....	7 50	15 00	

Cyclamen Seedlings

The growing of Cyclamen is one of our specialties. Seedlings are given plenty of room to develop and are carefully packed, so that when received they are ready for 2½-inch pots. The stock we offer is grown from our Giant Show Strain of seed. In separate colors: **Bright Red**, **Blood-Red**, **Glory of Wandsbek**, **Perle of Zehlendorf**, **Rose of Marienthal**, and **Salmon-Scarlet**.

All Cyclamen Seedlings, \$6.00 per 100; per 1000, \$55.00. Not less than 100 seedlings sold, nor less than 25 of a color

Shipments of these can be best made by special handling, Parcel Post. Please add 20c. per 100 for postage, plus 15c. for special handling.

Cyclamen Plants

2½-in. pot-plants (ready March 1).....	100	1000
3-in. pot-plants (ready June and July).....	16 00	
4-in. pot-plants (ready August and September).....	30 00	

Dieffenbachia brasiliensis

2½-in. pots.....	12	25	100
3-in. pots.....	\$3 75	\$7 50	\$27 50

Dracaena

Indivisa. 2-in. pots.....	1 75	5 00
3-in. pots.....	3 00	10 00
4-in. pots.....	6 50	25 00
Godseffiana. 2½-in. pots.....	4 00	7 00
3-in. pots.....	6 00	11 00
Massangeana. 3-in. pots.....	5 00	9 00
4-in. pots.....	7 00	13 00
5-in. pots.....	\$1.00 each	11 00
6-in. pots.....	\$1.25 each	14 00

Euphorbia

Jacquinæflora. One of the finest and most useful plants for midwinter flowering. The lovely orange-scarlet blooms are produced on long, graceful sprays that are adapted for any decoration. 2½-in. pots.....	25	100	1000
	\$2 50	\$8 00	\$75 00
Splendens. An interesting plant with thick spiny stems and bright red flower bracts at all seasons. 2½-in. pots.....	4 50	15 00	

Ferns

Although usually for delivery from May to July, we have made arrangements to supply stock throughout the year. Extra-fine, clean stock.

Boston	Teddy, Jr.	Verona
Dwarf Boston	Roosevelt	Whitmanni Compacta
	Scottii	
Above Ferns, 2½-inch pots, per 25, \$2.00; \$7.00 per 100; per 1000, \$60.00		

Table Fern Seedlings

Ready in July-August

Adiantum cuneatum	Pteris Mayi
Aspidium tsus-simense	Pteris Rivertoniana
Cyrtomium Rochfordianum compactum	Pteris serrulata
Pteris adiantoides	Pteris serrulata cristata
Pteris Alexandræ	Pteris tremula
Pteris argyrea	Pteris Victoriae
Pteris Wimsetti multiceps	Pteris Wilsonii
Pteris cretica albo-lineata	Pteris Wimsetti

Any of the above Fern seedlings, \$2.25 per 100; per 1000, \$20.00

Flat, containing approximately 200 plants, \$3.25

We cannot supply less than a full flat of a variety at this price

Fuchsia

Black Prince. Rooted cuttings.....	100	1000
2½-in. pots.....	\$3 75	\$35 00
	6 00	55 00
Giant Pink. Rooted cuttings.....	3 75	35 00
2½-in. pots.....	6 00	55 00
Little Beauty. Rooted cuttings.....	3 75	35 00
2½-in. pots.....	6 00	55 00
Lord Byron. Rooted cuttings.....	3 75	35 00
2½-in. pots.....	6 00	55 00
Pride of Orion. Rooted cuttings.....	3 75	35 00
2½-in. pots.....	6 00	55 00

Gardenias

Belmont. 2½-in. pots.....	Less than 25 plants	50c. each	50 to 99 plants	35c. each
	25 to 49 plants	45c. each	100 to 499 plants	30c. each
			25	100
Veitchi. 2-in. pots.....			\$3 00	\$10 00
4-in. pots.....			11 00	40 00

Geranium. One of Our Specialties

Our stock is grown for us by specialists and we personally inspect it, which insures flowering qualities and trueness.

HARRIET ANN. Vigorous grower, free from disease. Large trusses of cerise flowers, the upper two petals carrying a white blotch with a yellow sheen. Individual flowers very large. 12 25 100
2½-in. pots..... \$3 00 \$5 00 \$18 00

MOREAU RICARD. Very large heads of brilliant scarlet. Very free blooms. 2½-in. pots..... \$65.00 per 1000.. 2 00 7 00

PALMIER'S IMPROVED RICARD. Popular scarlet. 2½-in. pots..... \$60.00 per 1000.. 2 00 6 50

ROSETTE. Large trusses of maroon flowers resembling a miniature rose. Very double. 2½-in. pots..... 3 00 5 00 18 00

Newer and Standard Varieties

We take the greatest pains to supply only the best quality of this important stock. Our Geraniums will produce flowers. No order will be executed for less than 25 plants of any one variety. Order early.

2½-inch pots
Michell's Sensation. One of our own introductions. Double, brilliant poinsettia-red flowers. Surprisingly free flowering, often producing 6 or 7 flower-heads at one time. 25 100 1000
\$2 00 \$6 00 \$57 50

Helen Michell. Compact; free-flowering. 2 00 6 00 57 50
Alphonse Ricard. Bright vermilion. 2 00 6 00 57 50

Beaute Poitevine. (Selected Strain.) Light salmon. 2 00 6 00 57 50

Fiat. Dark salmon-pink. 2 00 6 50 60 00
Mme. Buchner. Double; white. 2 00 6 00 57 50

Mme. Landry. Pink. 2 00 6 00 57 50

Irvington Beauty. Rose-pink. 2 00 6 00 57 50

Radio. Intense scarlet. 2 00 6 00 57 50

Red Fiat. 2 00 6 50 60 00

Gerbera • Transvaal Daisy

We offer these in extra-strong, 2-year divisions in a wonderful assortment of colors. 25 100
Single-flowering, Mixed..... \$4.50 per doz. \$8 00 \$27 50
Double-flowering, Mixed..... \$6.00 per doz. \$12 00 45 00

Heliotrope

Royal Fragrans. Rooted cuttings.....	3 00
2½-in. pots.....	2 00
Sweet Blue. Rooted cuttings.....	3 00
2½-in. pots.....	2 00

Michell's quality plants please particular people



Hydrangea, Helen Merritt

Michell's Hydrangeas

The stock offered below is produced by the foremost specialists. Letters preceding name: E, early; M, midseason; L, late.

NEW VARIETY

E. HELEN MERRITT.	Plant Pat. No. 276. Deep brilliant rose.	100
Rooted cuttings		\$15 00
2-in. pots		20 00
3-in. pots		25 00

1939 INTRODUCTIONS. Not Patented

M. Regula.	Large white. E. Sonnengruss.	Rose. E. Wesphalen.
Carmine.		100
Rooted cuttings		\$25 00
2-in. pots		30 00

OTHER NEW VARIETIES

E. Altoona.	Cerise-pink.	M. Merveille.	Carmine-rose.
E. Europa.	Salmon-pink.	M. Rosabelle.	Begonia-rose.
E. Hamburg.	Carmine.	M. Sch. Perle.	Clear pink. Blues easily.
E. Kunert.	Rose-pink. Blues fine.		
Any of the above New Varieties		100	
Rooted cuttings		\$10 00	
2-in. pots		15 00	
3-in. pots		20 00	

STANDARD VARIETIES

E. Deutschland.	Salmon-pink.	E. Mrs. Baardse.	Salmon-red.
E. E. Chautard.	Pink. Easy forcer.	E. Marechal Foch.	Deep carmine.
E. E. G. Hill.	Pink. Early forcer.	E. Niedersachsen.	Excellent for bluing.
E. E. Mouillere.	White.	L. Otaksa.	Old reliable. Pink.
E. E. Steinmetz.	Excellent pink.	L. Parsifal.	Red, fringed petals.
M. Gertrude Glahn.	Dark rose.	M. Rheingold.	Brilliant pink.
M. Goliath.	A giant. Deep rose.	E. Splendens.	Glossy clear red.
E. Helge.	Red.	E. Trophee.	Red.
E. Lorelei.	Carmine-red.	Any of above Standard Varieties	100
Rooted cuttings		\$5 00	
2-in. pots		8 00	
3-in. pots		12 00	

EXCELLENT KINDS

E. Ami Pasquaar.	Best red.	L. Hollandia.	Salmon-red.
M. Giselherr.	Dark carmine-red.	E. Mein Liebling.	Dark pink.
L. Louis Savage.	Dark pink.	M. Wilkommen.	Brilliant pink.
Any of above Excellent Kinds		100	
Rooted cuttings		\$8 00	
2-in. pots		12 00	
3-in. pots		18 00	
Any of the above listed under Standard and Excellent Varieties for fall delivery after October 1, for spring forcing		100	
2-in. 1 flowering shoot	\$8 00	5-in. 3 to 5 shoots	\$35 00
3-in. 1 flowering shoot	12 00	6-in. 5 to 8 shoots	50 00
4-in. 2 flowering shoots	25 00	7-in. 8 or more shoots	75 00
		8-in. 10 or more shoots	125 00

Ivies

MERION. Very free branching.	25	100	1000
2-in. pots	\$3 00	\$10 00	
3-in. pots	5 50	20 00	
English. Rooted cuttings		1 50	\$14 00
2 1/4-in. pots		1 75	55 00
3-in. pots		5 00	17 50
German or Parlor. Rooted cuttings		2 00	18 00
2 1/4-in. pots		1 50	5 00
3-in. pots		5 50	20 00
Pittsburgh. Rooted cuttings		3 50	32 50
2 1/4-in. pots		2 50	8 00
3-in. pots		5 50	20 00
4-in. pots		12 50	40 00
Variegated (Large Leaf). Rooted cuttings		4 00	37 50
2 1/4-in. pots		3 00	10 00
3-in. pots		7 50	27 50

Kalanchoe

Coccinea. One of the most valuable pot-plants.	2 1/4-in. pots	2 25	8 00
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Lantana

For Mother's Day sales. Fine 2 1/4-inch stock.			
Alba perfecta. Pure white.	1 75	6 00	55 00
Bronze. New. Prolific bloomer.	1 75	6 00	55 00
Comte de Biencourt. Pure pink.	1 75	6 00	55 00
Craigie. Dwarf; red.	1 75	6 00	55 00
Delicatissima. Dwarf. Large orange flowers, shading to buff. Good bedding.	1 75	6 00	55 00
Dwarf Beauty. Yellow center, changing to pink on the outer blooms. Very free flowering.	1 75	6 00	55 00
Dwarf Buckeye. Very striking, shading to yellow at the center.	1 75	6 00	55 00
Golden King. Deep canary-yellow. Strong grower.	1 75	6 00	55 00
Golden Plume. Dwarf. Deep golden color, changing to reddish bronze.	1 75	6 00	55 00
Golden Queen.	1 75	6 00	55 00
Jacob Schultz. The best red.	1 75	6 00	55 00
M. Schmidt. Red, orange, and yellow.	1 75	6 00	55 00
Pluie d'Or. Golden yellow.	1 75	6 00	55 00
Radiation. Semi-dwarf. Brilliant red, center orange-yellow.	1 75	6 00	55 00
Sensation. Dwarf. Similar to Comte de Biencourt in color, but flowers are larger.	1 75	6 00	55 00
Southern. Dwarf. Yellow and pink.	1 75	6 00	55 00
Tethys. A dwarf variety. Lemon-yellow.	1 75	6 00	55 00
Weeping. Plants of graceful, drooping habit that grow very rapidly, and bloom continually. Lilac and rose-pink blooms.	1 75	6 00	55 00

Lobelia, Kathleen Mallard

Double Blue	100	1000
Rooted cuttings	\$3 50	\$32 00
2 1/4-in. pots	7 50	70 00

Marigold

Lieb's Single Giant. Velvety mahogany, gold lined.	25	100
Stiff, wiry stems. Free flowering.	\$2 00	\$7 50
Lieb's Winter-flowering.	1 75	6 00
Lieb's Winter Sunshine.	1 75	6 00

Palms

Areca lutescens.	12	25	100
3-in. pots	\$4 00	\$7 50	\$27 50
4-in. pots	8 00	16 00	
Cocos Weddelliana. 2 1/4-in. pots	3 00	5 50	20 00
3-in. pots	5 00	10 00	
Kentia Belmoreana. Made-up plants. 4 plants in pot.			
5-in. pots, 20 to 22 inches high.			
6-in. pots, 28 to 32 inches high.			
Kentia Forsteriana. Made-up plants. 4 plants in tub.			
7-in. tub, 32 to 34 inches high.			
7-in. tub, 34 to 36 inches high.			
8-in. tub, 36 to 40 inches high.			
8-in. tub, 44 to 48 inches high.			
8-in. tub, 48 to 54 inches high.			
Phoenix Roebellini.	12	25	
3-in. pots	\$4 50	\$9 00	
4-in. pots	7 00	14 00	
5-in. pots	10 00		

The small plants listed here quickly grow into real money

Pandanus Veitchi

We have an excellent stock of heavy, well-colored plants.

	Each	Doz.
4-in. pots	\$1.00	\$11.00
6-in. pots	1.50	17.00
6-in. pots. Heavy	2.00	23.00

Pelargoniums

No orders filled for less than 25 plants of any variety

NOVELTY VARIETIES

Maid Marion. Salmon-pink, carmine blotches; flowers large. Upright grower.

May Queen. Orchid color, red upper petals. Very large blooms on long stems.

Ruth Eleanor. Delicate rose-pink ruffled flowers. Early blooming.

Salmon Springtime. Salmon-rose-pink, darker than Springtime.

	25	100
Rooted cuttings	\$3.00	\$11.00
2-in. pots	4.00	13.00
3-in. pots	5.00	16.00
4-in. pots	7.00	25.00

STANDARD VARIETIES

Beverly Hills	Goleta	Onkel Richter
Chicago Market	Grossmama Fischer	Pasadena
Diener's Giant	Karminkoenigin	Piru
Faiss Triumph	Marie Vogel	San Diego
Freuhlingszauber	Monticito	Santa Monica
Giant Venus	Mrs. F. Bachler	Vera
Glendale	Mrs. Mary Bard	
		25 100
Rooted cuttings	\$2.50	\$8.00
2-in. pots	3.00	10.00
3-in. pots	4.50	14.00
4-in. pots	6.50	22.50

OTHER STANDARD VARIETIES

Azalea	Gardener's Joy	Pride of Quedlinburg
Beautiful	German Glory	Springtime
Earliana	Lavender Queen	Sue Garrett
Easter Greeting	Lucy Becker	Swabian Maid
Edith North	Mrs. Layal	Wurtembergia
	Orchid Edith North	25 100
Rooted cuttings	\$2.00	\$6.00
2-in. pots	2.50	8.00
3-in. pots	3.75	12.00
4-in. pots	6.00	20.00

Peperomia

	25	100
Obtusifolia. 2 1/4-in. pots	\$2.50	\$9.00
Sandersi. Watermelon Begonia. 2 1/4-in. pots	3.50	12.00
3-in. pots	7.00	25.00

Silver Leaf. 2 1/4-in. pots

	100	1000
Petunia, Rooted Cuttings	\$3.00	\$27.50
Double Fringed, Mixed	3.00	27.50
Double World Beauty. Pink	3.00	27.50
Double Rosy Morn	3.00	27.50

Poinsettia Stock Plants

Delivery in April f.o.b. Philadelphia, New York, Pittsburgh, Chicago, Detroit.

Cathryn Reed. Variegated foliage. Red bracts.	25	100
Light-grade plants	\$6.75	\$25.00
Medium-grade plants	13.00	50.00
Heavy-grade plants	20.00	75.00

Barbara Ecke	Oakleaf
Henrietta Ecke. Double.	Pink
Hollywood	Ruth Ecke
Improved Henrietta Ecke.	True Red
Double.	White

	25	100
Light-grade plants	\$4.25	\$15.00
Medium-grade plants	6.75	25.00
Heavy-grade plants	9.25	35.00
Extra-heavy-grade plants	13.00	50.00
Select oversize plants	16.00	60.00
Small 1-year plants	3.00	10.00

SPECIAL NOTE.—Freight will be prepaid to Philadelphia, Chicago, Detroit, Pittsburgh, or New York on all orders of Poinsettia stock plants placed before March 15, 1940, after which time the above prices are f.o.b. grower, California.

Philodendron

	25	100
Cordatum. 2 1/4-in. pots	\$3.00	\$10.00

Pothos aureus

	25	100
2 1/4-in. pots	\$3.00	\$11.00

Saintpaulia • African Violet

We offer these desirable pot-plants in extra-fine quality.

Ionantha. Blue.	Blue Boy. Violet-blue.
2 1/4-in. pots	4.50 15.00
3-in. pots	7.00 25.00

Sansevieria

	25	100
Laurenti. 2 1/4-in. pots	4.00	15.00
3-in. pots	5.50	20.00

Zeylanica. 2 1/4-in. pots	2.50	8.50
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Stevia

	25	100	1000
True Half-Dwarf. 2 1/4-in.	\$1.75	\$6.00	\$50.00
Rooted cuttings		2.00	17.50

Verbena, Rooted Cuttings

	100	1000
Beauty of Oxford, Cerise-Pink.	\$2.50	\$20.00
Beauty of Oxford, Lavender.	2.50	20.00
Beauty of Oxford, Pink.	2.50	20.00
Beauty of Oxford, Scarlet.	2.50	20.00
Helen Willmott. Salmon.	2.50	20.00
Mayflower. Light pink.	2.50	20.00
Pure White.	2.50	20.00
Royal Purple.	2.50	20.00
Scarlet King. Bright red.	2.50	20.00
Schlosser's Orchid.	2.50	20.00
Schlosser's Pride. Dark red.	2.50	20.00
Schlosser's Rose.	2.50	20.00

Any of the above varieties, 2 1/4-in. pots, ready in spring, \$5.50 per 100; per 1000, \$50.00

Vinca variegata

	25	100	1000
Rooted cuttings	\$2.00	\$15.00	
2 1/4-in. pots	\$1.75	5.00	45.00

3-in. pots	3.00	10.00	90.00
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Vitis • Grape Ivy

Rhombifolia. Evergreen vine; graceful trifoliate leaves.	25	100
2-in. pots	\$3.00	\$10.00
3-in. pots	6.00	20.00
4-in. pots	10.50	40.00

Plants for Miniature Gardens

2 1/4-inch pots in the finest assortments, consisting of Crassula, Echeverias, Kalanchoes, Brynesia, Sedums, etc.

Collection of the better varieties, \$9.00 per 100 (10 varieties).
Rooted Cuttings of the above, \$6.00 per 100 (10 varieties).

PLANT SPECIALTIES. Calceolarias, Cinerarias, Primulas, etc., in the better varieties. Supplied in season. Let us quote you.

HORMODIN (The Root-Forming Chemical)

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them in the bench. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, 50c.; \$1.00 per 60-unit size; 240-unit size, \$2.50; \$4.50 per 480-unit size; 960-unit size, \$8.00.

ROOTONE

The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs and cuttings before planting with Rootone. Write for booklet. Price, 2-oz. jar \$1.00; \$5.00 per 1-lb. can.

Michell's Hardy Perennial Plants

FOR ROCK-GARDENS, LANDSCAPING, CUT-FLOWERS, AND HOME-GARDENS

All Perennials Offered on the Following Pages Are Field-Grown Plants, Except Where Noted.
Use Perennials for Summer Cutting, for Forcing in the Winter, and for Landscaping and Rockeries.

OUTSTANDING NOVELTIES

Early Hybrid Korean Chrysanthemums

Astrid. Single; shell-pink of a lovely shade.
Clio. Deep carmine-rose. Duplex flowering. Dwarf; compact.
Country Girl. Bright pink with soft lilac tone.
Fortuna. Ox-blood, curly-petaled flowers, 3 to 4 inches in diameter. Medium height.
Hebe. Luminous pink, lavender-pink tone.
Hestia. Delicate rose-pink, semi-double flower with white halo.
Juno. Single coppery red, fading to salmon-rose. Very dwarf.
Louise Schling. Large salmon-red flowers.
Nancy Copeland. Spectrum-red.
Niobe. Clear glistening white with yellow disc. Dwarf grower.
Psyche. Clear shell-pink, single flowers 4 to 5 inches in diameter.
Thalia. Orange shade; duplex flowers. Compact, dwarf grower.
Vesta. Deep golden orange; almost a duplex.

Price, 2-inch pot-plants, \$2.00 per 12; per 100, \$12.00

Hardy Chrysanthemum, Cushion Varieties

Bronze Cushion. Deep bronze flowers.
King Cushion. Brick-red flowers.
Pink Cushion. Bright pink flowers.
Queen Cushion. Pure white.
Red Cushion. Red flowers.
White Cushion.
Yellow Cushion. Pure golden flowers.

Price, 2-inch pot-plants, \$1.75 per 12; per 100, \$11.00

Popular Recent Korean Hybrid Chrysanthemums

Apollo. Superb autumn color—a sparkling combination of bronze, red, and gold, suffused with glowing salmon. The flowers are 2 inches across and are produced in immense sprays.
Ceres. A lovely combination of old-gold, chamois-yellow, and soft coppery bronze. The mature flower petals appear to have been dusted with gold.
Daphne. New shade of pink to the Chrysanthemum—an exquisite blending of daphne-pink with an underlying sheen of lilac-rose, with golden stamens. Flowers 3½ inches across.
Diana. Chatenay rose-pink, mingled with lilac-rose to soft salmon, the tones of which vary with the degree of light.



Dwarf Chrysanthemum, Pink Cushion

Popular Recent Korean Hybrid Chrysanthemums, continued

Mars. Fine for those who prefer depth and brilliancy of color in the garden. Deep amaranth-red, changing to wine-red, overlaid with a velvety sheen.
Mercury. The nicely formed, 3-inch flowers open bronze-red and change to coppery bronze as they mature.

Price, 2-inch pot-plants, ready in April, \$1.50 per 12; per 100, \$10.00

AQUILEGIA, Crimson Star.	The most striking crimson, with white corolla	12	100	\$2 50	\$15 00
ARMERIA Hybrids. New.	A wonderful range of colors on extra-fine stems. Good for cutting	2 50	15 00		
Bees' Ruby.	Bright red flowers, about 2 inches in diameter. June flowering. Stems 18 to 20 inches long.	2 50	15 00		
Glory of Holland.	Clear pink color.	2 50	15 00		
ASTER, Constance.	Clear light pink	2 25	12 00		
Frikarti.	Azur-blue flowers, 3 inches in diameter	4 00	25 00		
Lavanda.	Attractive light blue. 15 to 18 inches high	2 25	12 00		
Lilac-Time.	Deep violet-blue. Plants 15 inches high.	2 25	12 00		
Niobe.	Pure white with yellow centers. Dwarf.	2 25	12 00		
Snowdrift.	Midseason. Large; snow-white. Dwarf.	2 25	12 00		
Star of Wartburg.	Flowers in May and June. Large; lilac, orange center.	2 50	16 00		
COREOPSIS, Double Sunburst.	Golden yellow flowers of good size	2 50	15 00		
DAISY (Shasta), Admiral Byrd.	Pure white flowers, 5 to 6 inches across	3 50	20 00		
DIANTHUS, Loveliness.	Color heavenly mauve; flower petals deeply laciniated.	2 00	11 00		
Rose Cushion.	Ideal for low borders or rockeries	2 00	11 00		
GAILLARDIA, Golden Goddess.	Height 2 feet. Free flowering	3 00	20 00		
GYPSOPHILA repens Bodgeri.	Plants 12 to 14 inches high produce Bristol-Fairy-like white flowers tinted pink the entire summer. 2-in. pots	2 00	12 00		
	Field-grown	3 00	20 00		
Rosy Veil.	Clusters of pink flowers. 2-in. pots	2 50	15 00		
	Field-grown	3 50	20 00		
IRIS, Japanese, Blue River.	Deep blue; multi-petaled.	3 50	25 00		
LIATRIS, September Glory.	Long spikes	3 00	20 00		
LUPINUS, New Russell Hybrids	. . . . .	3 00	20 00		
PAPAVER ORIENTALE, Delicata.	Purplish vinaceous or old-rose-pink.	4 50	30 00		
Hercules.	Immense flowers of true scarlet.	2 50	15 00		
Salmon King.	Peach-red or salmon color.	3 00	20 00		
Spotless.	Beautiful soft pink.	2 50	15 00		
PHLOX SUBULATA, Emerald Cushion.	Deep pink.	2 25	15 00		
VINCA rubra fl.-pl.	Mahogany-red flowers.	2 25	15 00		

Buddleia

Orchid Beauty.	Soft cattleya-lilac with a brilliant orange eye; long, tapering spikes. 2½-in. plants at 100 rate	12	100	\$6 50	\$50 00
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Asiatica.	For greenhouse forcing only. White. 2½-in. plants at 25 per 25.	12	100	\$2.25	\$7 50
Charming.	Lavender-pink trusses throughout the entire summer. Strong grower	25	at the 100 rate	\$2 50	15 00
Dubonnet.	Wine-red flowers. Strong grower	3 50	25 00		
Fortune.	Pure lilac with a brilliant orange eye. Sprays 12 to 18 inches long.	25	at the 100 rate	3 50	25 00
Hartwegi.	Bright lavender blooms that do not sunburn.	4.50	per 25	2 50	15 00
Ille de France.	A great improvement over the old variety.	2 50	15 00		
Superba.	Light violet flowers	3 00	20 00		

GENERAL LIST OF MICHELL'S HARDY PERENNIAL PLANTS

	12	100	12	100	
ACHILLEA, Boule de Neige. Double; white.....	\$1 75	\$10 00	ASTILBE, America. Lilac-pink.....	\$3 50	\$25 00
Filipendulina. Bright yellow.....	1 75	10 00	Amethyst. Deep violet-purple.....	3 50	25 00
Millefolium, Cerise Queen. Cherry-red.....	1 75	10 00	Betsy Cuperus. White.....	3 50	25 00
Millefolium roseum. Pink.....	1 75	10 00	Newport Pink.	3 50	25 00
AJUGA reptans alba. White.....	2 00	12 00	Queen Alexandra. Bright pink.....	3 50	25 00
Reptans rubra. Purplish blue.....	2 00	12 00	BAPTISIA australis. Dark blue flowers.....	1 75	10 00
ALYSSUM rostratum. Pale yellow.....	1 75	10 00	BOLTONIA asteroides. White.....	1 75	10 00
Saxatile compactum. Golden yellow.....	1 75	10 00	Latisquama. Lavender-pink.....	1 75	10 00
Serpentifolium. Pale yellow.....	2 00	12 00			
ANCHUSA italicica, Dropmore. Blue.....	2 00	12 00	CALLUNA (Erica) carnea. Hardy Heather. Dwarf.		
Myosotidiflora. Blue.....	2 00	12 00	Rose.....	2 50	15 00
Anemone japonica					
Alba. White.....	2 00	12 00	Hammondi Pink.	2 50	15 00
Alice. Rose-pink.....	2 00	12 00	Spicata alba. White.....	2 50	15 00
Hupehensis. Mauve-rose.....	2 00	12 00	Vulgaris. Rosy pink.....	2 50	15 00
Queen Charlotte. La-France-pink.....	2 00	12 00	Vulgaris Alporti. Crimson.....	2 50	15 00
September Charm. Silvery rose.....	2 00	12 00	CAMPANULA Medium calycanthema, Blue.	1 75	10 00
Whirlwind. White.....	2 00	12 00	Medium calycanthema, Pink.	1 75	10 00
Pulsatilla. Violet-purple.....	2 00	12 00	Medium calycanthema, White.	1 75	10 00
Sylvestris. White.....	2 00	12 00	Carpatica. Blue.....	2 00	12 00
ANTHEMIS tinctoria, New Hybrids.	2 00	12 00	Carpatica alba. White.....	2 00	12 00
AQUILEGIA alpina. Dark blue.....	1 75	10 00	Media, Blue.	1 75	10 00
Canadensis. Red and yellow.....	1 75	10 00	Media, Pink.	1 75	10 00
Chrysanth. Golden yellow.....	1 75	10 00	Media, White.	1 75	10 00
Dobbie's Imperial Hybrids. New strain.....	2 00	12 00	Persicifolia, Blue.	2 00	12 00
Mrs. Scott Elliott's Hybrids. Mixed.....	2 00	12 00	Persicifolia alba. White.....	2 00	12 00
Nivea grandiflora. Pure white.....	1 75	10 00	Pyramidalis, Blue.	2 00	12 00
Long-spurred Hybrids. Mixed.....	1 75	10 00	Pyramidalis alba. White.....	2 00	12 00
ARABIS alpina. Pure white.....	1 75	10 00	CARNATION, Early Dwarf Vienna, Rose.	1 75	10 00
Alpina fl.-pl. Double; white.....	2 00	12 00	Early Dwarf Vienna, White.	1 75	10 00
Alpina rosea. Pale pink.....	2 00	12 00	Grenadin Pink.	1 75	10 00
Snowcap. Compact grower.....	2 25	15 00	Grenadin Red.	1 75	10 00
ARMERIA cephalotes rubra. Deep pink.....	2 00	12 00	Grenadin White.	1 75	10 00
Lauchiana rosea. Bright rose.....	1 75	10 00	CARYOPTERIS mastacanthus. Blue.....	2 25	14 00
Maritima alba. White.....	1 75	10 00	Mastacanthus. Pink.....	2 25	14 00
ARTEMISIA globifolia. Silver foliage.....	2 00	12 00	Mastacanthus. White.....	2 25	14 00
Lactiflora. Creamy white.....	1 75	10 00	CENTAUREA dealbata. Rose-pink.....	1 75	10 00
Silver King. Silver stems and foliage.....	1 75	10 00	Macrocephala. Golden yellow.....	2 00	12 00
Silver Queen. Silver foliage.....	1 75	10 00	Montana. Violet-blue.....	1 75	10 00
ASCLEPIAS tuberosa. Orange-scarlet.....	1 75	10 00	Montana alba. White.....	1 75	10 00

Asters

SPRING-FLOWERING VARIETIES

Alpinus albus. Dwarf. White.....	2 00	12 00
Alpinus, Blue. Light blue.....	2 00	12 00
Star of Wartburg. Large; lilac, orange center.....	2 50	16 00

SUMMER-FLOWERING VARIETIES

Amellus, Beauty of Ronsdorf. Rosy lilac.....	2 00	12 00
Amellus elegans. Bluish violet.....	2 00	12 00
Amellus, King George. Bluish violet.....	2 50	15 00
Frikarti. Clear azure-blue. 2-in. pots.....	2 50	15 00
Field-grown.....	4 00	25 00

FALL-FLOWERING VARIETIES

Barr's Pink. Bright pink.....	1 75	10 00
Blue Gem. Rich blue.....	1 75	10 00
Highland Morn. Light blue.....	1 75	10 00
Mrs. Raynor. Deep red.....	1 75	10 00
Novæ-angliæ. Purple-violet.....	1 75	10 00
Novæ-angliæ roseum superbum. Red.....	1 75	10 00
Queen Mary. Dark sky-blue.....	1 75	10 00
Sam Banham. Pure white.....	1 75	10 00
Sunset. Pink.....	1 75	10 00

NEW DWARF VARIETIES

Countess of Dudley. Clear pink.....	2 00	12 00
Lady Henry Maddocks. Clear pink.....	2 00	12 00
Marjorie. Bright pink.....	2 00	12 00
Snowsprite. Semi-double; white.....	2 00	12 00
Victor. Clear lavender-blue.....	2 00	12 00

Chrysanthemums

A. Barham. Beautiful orange-bronze; large.....	1 25	8 00
Aladdin. Perpetual flowering, commencing in late July. Coppery bronze color.....	1 25	8 00
Barbara Cumming. Large, clear yellow flowers, shading to orange-bronze.....	1 25	8 00
Beatrice. Flowers cerise-red, very double, 1½ to 2 inches in diameter.....	1 25	8 00
Brilliancy. Bright red; single. Early.....	1 75	10 00
Crimson Glory. Bright crimson; 2½ inches diameter. Pompon type. Early.....	1 75	10 00
Dazzler. Cardinal-red; single. Early flowering.....	1 25	8 00
Distinction. Bronze, tips of flowers yellow. Pompon type. 1 75	10 00	
Early Bronze. Bronze-yellow. Blooms very freely.....	1 25	8 00
Fern Ridge. Fiery red with orange center; single. Early. 1 25	8 00	
Granny Scovill. Large coral-bronze flower, 4½ inches in diameter. Dwarf grower.....	1 75	10 00
Grenadier. Single; crimson-red underlying a sheen of bronze. Early flowering.....	1 25	8 00
Gypsy Girl. Single; crimson shading to chestnut.....	1 25	8 00
Idolph. Rose-pink, double flower. Blooms profusely....	1 25	8 00
Jean Treadway. Bright pink, double flowers, 3 inches in diameter, with dark rose-pink centers.....	1 75	10 00
Jewell. Pompon type. Bright pink.....	1 75	10 00
Modesty. Single, large lilac-rose flowers. Early.....	1 50	9 00
Mrs. H. E. Kidder. Early, bright yellow; large-flowering	1 75	10 00
Murillo. One of the popular pinks. Early.....	1 25	8 00
Persia. Semi-double blooms of rosy carmine. Dwarf	1 75	10 00
Rapture. Double, deep orange flowers with lively suffusion of bright carmine.....	1 50	9 00

Chrysanthemums continued on next page

All plants travel at buyer's risk. No plants sent C. O. D.

Hardy Chrysanthemums are the favorite fall bloomer

Chrysanthemums, continued

Ruth Cumming. Bronze and terra-cotta. Fine outdoor variety.....	12	100	
R. M. Hatton. Pompon type. Bright canary-yellow flowers. Early.....	1 25	8 00	
Snowdrift. Aster type. Dwarf grower. Height 18 to 20 inches.....	1 50	9 00	
Sunkist. Bright orange. Free flowering. Early.....	1 50	9 00	
Vivid. Rosy carmine. Early.....	1 25	8 00	
Winnetka. Pure white. Early.....	1 25	8 00	
Yellow Normandie. Golden bronze.....	1 25	8 00	

Chrysanthemum maximum · Shasta Daisy

Alaska. Pure white.....	1 75	10 00	
Arcticum. White, tinged rose.....	1 75	10 00	
Coreanum. White, golden center.....	1 75	10 00	
Double White Swan. Solid; double; pure white.....	2 50	17 50	
Elder Daisy. Very early. White.....	1 75	10 00	

CIMICIFUGA racemosa. Pure white.....	1 75	10 00	
COREOPSIS lanceolata grandiflora. Yellow.....	1 75	10 00	
Verticillata. Yellow, dark disc.....	1 75	10 00	
DELPHINIUM, Belladonna Improved. Turquoise-blue. 1 75		10 00	
Belladonna Improved. 2-yr.....	2 25	12 00	
Bellamosum. Dark blue.....	1 75	10 00	
Blackmore & Langdon Prize Hybrids.	2 50	17 50	
Double French Hybrids.	2 25	12 00	
Giant Pacific Hybrids. Spikes 3 to 5 feet high. Large individual flowers.....	3 00	20 00	
Iceberg. White.....	2 50	17 50	
Wrexham Hollyhock Strain.	2 50	17 50	

Dianthus

Allwoodi, Jean. Pure white.....	2 00	12 00	
Allwoodi, Mary. Pale rose-pink.....	2 00	12 00	
Allwoodi, Robert. Old-rose, maroon center.....	2 00	12 00	
Her Majesty. Pure white.....	2 00	12 00	
Margaret Martin. New. Rich mahogany; sweet-scented.....	2 00	12 00	
Miss Gladys Cranfield. Single pink; fragrant.....	2 00	12 00	
Atrococcineus fl.-pl. Scarlet.....	1 75	10 00	
Prince Bismarck. Brilliant carmine.....	2 00	12 00	
Barbatus, White Beauty.	1 75	10 00	
Barbatus, Scarlet Beauty.	1 75	10 00	

Sweet-scented Grass Pinks

Excellent for cutting

Plumarius fl.-pl. Double. Mixed.....	1 75	10 00	
Bristol Purity. Pure white; fragrant.....	2 00	12 00	
Ipswich Crimson. Deep crimson.....	1 75	10 00	
Scarlet Beauty.	1 75	10 00	

DICTAMNUS Fraxinella rubra. Red.....	3 00	15 00	
Fraxinella alba. White.....	3 00	15 00	

DIELYTRA eximia. Light pink flowers throughout the season. Dwarf. 15 in.....	2 00	12 00	
Spectabilis. Bleeding-Heart. Heart-shaped red flowers	3 50	20 00	

DIGITALIS, Giant Shirley Hybrids.	1 75	10 00	
Purpurea gloxiniaeflora. Purple spotted.....	1 75	10 00	
Purpurea gloxiniaeflora alba. White.....	1 75	10 00	
Purpurea gloxiniaeflora rosea.	1 75	10 00	

DORONICUM excelsum. Yellow.....	2 50	17 50	
ECHINOPS Ritro. Blue flowers. Thistle-like foliage.....	1 75	10 00	

ERIGERON, Mrs. E. H. Beale. Blue.....	2 00	12 00	
Pink Pearl. Rosy pink.....	2 00	12 00	
Speciosus grandiflorus. Rosy lilac.....	1 75	10 00	

EUPATORIUM ageratoides. White.....	1 75	10 00	
Coelestinum. Lavender-blue.....	1 75	10 00	
Purpureum. Reddish purple.....	1 75	10 00	

EUPHORBIA corollata. White.....	2 00	11 00	
Polychroma. Yellow.....	2 50	15 00	

Hardy Ferns

Adiantum pedatum. Maidenhair Fern.....	2 00	12 00	
Aspidium spinulosum. Wood Fern.....	2 00	12 00	
Dicksonia punctilobula. Hay-scented Fern.....	2 00	12 00	
Dryopteris marginalis. Evergreen Fern.....	2 00	12 00	
Dryopteris Thelypteris. Marsh Fern.....	2 00	12 00	
Onoclea sensibilis. Sensitive Fern.....	2 00	12 00	
Onoclea Struthiopteris. Ostrich Fern.....	2 00	12 00	

FUNKIA argentea. Foliage golden yellow.....	12	100	
Undulata variegata picta. Variegated.....	1	75	11 00
Subcordata grandiflora. White.....	2	50	15 00
GAILLARDIA, Burgundy. Wine-red.....	2	25	12 00
Dwarf Goblin. Bright yellow, red zone.....	2	50	15 00
Grandiflora. A wide range of colors.....	1	75	10 00
Mr. Sherbrook. Yellow.....	2	50	15 00
Portola Hybrids. Color-range from reddish bronze to deep gold.....	1	75	10 00
GENTIANA Andrewsi. Purple.....	2	00	12 00
GEUM coccineum, Mrs. Bradshaw. Fiery red.....	2	00	12 00
Lady Stratheden. Golden yellow.....	2	00	12 00
Orange Queen.	2	00	12 00
Princess Juliana. Pure orange-yellow.....	3	00	20 00

Grasses, Ornamental

Elymus glaucus. Blue Lime Grass.....	2	50	15 00
Eulalia gracillima univittata.	2	50	15 00
Eulalia japonica variegata	2	50	15 00
Eulalia japonica zebrina	2	50	15 00
Phalaris arundinacea variegata	2	50	15 00

GYPSOPHILA acutifolia. Lilac-rose.....	1	75	10 00
Bristol Fairy. Double; white. 3-inch stock.....	2	50	15 00
Field-grown.....	3	50	22 00

Paniculata. White. Field-grown.....	1	75	10 00
Paniculata fl.-pl. Double; white. Field-grown.....	3	50	22 00
Repens. White and pink.....	1	75	10 00

HELENIUM autumnale rubrum. Brown-red.....	2	00	12 00
Golden Beauty. Golden yellow.....	2	50	15 00
Hoopesi. Yellow.....	2	00	12 00
Riverton Gem. Old-gold.....	2	00	12 00
HELIANTHUS Maximiliani. Golden sprays.....	2	00	12 00
Multiflorus fl.-pl. Clear yellow.....	2	00	12 00
Sparsifolius. Flowers 3 inches in diameter.....	2	00	12 00

HELIOPSIS, Double Lemoine Strain. Golden orange. 1 75	11 00		
Pitcheriana. Deep yellow.....	1	75	11 00
Scabra zinniæflora. Semi-double; golden yellow.....	1	75	11 00

HELLEBORUS Niger. Christmas Rose. White.....	6	00	40 00
Orientalis. Mixed colors.....	5	50	35 00

HEMEROCALLIS, Apricot. Deep orange.....	1	75	10 00
Aurantiaca. Orange.....	1	75	10 00
Flava. Yellow.....	1	75	10 00
Dr. Regel. Orange-yellow.....	1	75	10 00
Kwanso fl.-pl. Double; golden bronze.....	1	75	10 00
Middendorffii. Orange-yellow.....	1	75	10 00

HEUCHERA alba. Pure white.....	2	00	12 00
Brizoides. Pale pink.....	2	50	15 00
Pluie de Feu. Bright red.....	2	50	15 00

Japanese Iris are becoming very popular. Recommend them

	12	100
HYPERICUM calycinum. Yellow.....	\$2 00	\$11 00
Elegans. Dwarf; yellow.....	2 00	11 00
Olympicum. Golden yellow.....	2 00	11 00
IBERIS gibraltarica. Evergreen foliage.....	2 00	11 00
Sempervirens. White.....	2 00	11 00
Snowflake. White.....	2 00	11 00
INCARVILLEA Delavayi. Trumpet Flower. Rose.....	3 00	20 00

Iris germanica · German Iris

Ambassadeur. Reddish violet standards; falls deep yellow.....	1 25	9 00
Candelabra. Light mauve, blotched with violet.....	1 25	9 00
Caprice. Purple, heavily veined.....	1 25	9 00
Eldorado. Fiery opalescent.....	1 25	9 00
Gold Imperial. Yellow, self-colored.....	1 25	9 00
Lent A. Williamson. Violet and royal purple.....	1 25	9 00
Lohengrin. Rich silvery lilac.....	1 25	9 00
Lord of June. Blue, marked gold.....	1 25	9 00
Loreley. Marine-blue, bordered yellow.....	1 25	9 00
Mme. Chobaut. Cream, shaded buff and pink.....	1 25	9 00
Pallida dalmatica. Lavender-blue.....	1 25	9 00
Quaker Lady. Lavender, shaded yellow.....	1 25	9 00
Queen Caterina. Lavender-violet, orange beard.....	1 25	9 00
Shekinah. Pale yellow, lemon-colored beard.....	1 25	9 00
W. J. Fryer. Bright yellow; falls maroon.....	1 25	9 00

Iris Kaempferi · Japan Iris

Astarte. Double; dark violet.....	2 50	15 00
Eumee. Single; dark violet.....	2 50	15 00
Gekka-no-nami. White. Very early.....	2 50	15 00
Gold Bound. Fine double; pure white.....	2 50	15 00
Hercules. Double; clear lilac.....	2 50	15 00
Koko-no-iro. Purple and gold.....	2 50	15 00
Mahogany. Purplish mahogany-red.....	2 50	15 00
Patrocle. Single; dark violet.....	2 50	15 00
Proserpine. Single; rich blue on white.....	2 50	15 00
Reine des Bulgares. Deep blue, white veins.....	2 50	15 00
Rose Anna. Double; ivory-white, ruby veins.....	2 50	15 00

Iris pumila

Butterfly. Pale yellow.....	1 50	11 00
Cyanea. Bright blue.....	1 50	11 00
Floribunda. Deep blue.....	1 50	11 00
La Fiancee. White.....	1 50	11 00
Yellow.	1 50	11 00

Iris sibirica

Mrs. Perry. Lavender.....	1 25	9 00
Mrs. Sanders. Dark violet-purple.....	1 25	9 00
Peter Pan. Light blue.....	1 25	9 00
Snow Queen. Snow-white.....	1 25	9 00

Iris Species

Arenaria. Yellow. Height, 4 inches.....	2 00	12 00
Cristata. Pale lilac. Height, 4 to 6 inches.....	2 00	12 00
Verna. Blue, marked yellow. Height, 4 to 6 inches.....	2 00	12 00

LATHYRUS latifolius, White Pearl.	1 75	10 00
Latifolius, Pink Beauty.....	1 75	10 00
Latifolius, Red.....	1 75	10 00

LAVANDULA vera. Blue.....	2 00	12 00
LIATRIS pycnostachya. Purple.....	2 00	12 00
Scariosa. Early Type. Purple.....	2 00	12 00

Scariosa. Late Type.....	2 00	12 00
LILY-OF-THE-VALLEY. Clumps.....	4 25	33 00

LINUM perenne. Blue.....	1 75	10 00
Perenne alba. White.....	1 75	10 00

LOBELIA cardinalis. Fiery red.....	2 00	12 00
LUPINUS polyphyllus, White.	2 00	12 00

Polyphyllus roseus.....	2 00	12 00
Polyphyllus, Blue.....	2 00	12 00

LYCHNIS chalcedonica. Scarlet.....	2 00	12 00
Chalcedonica alba. White.....	2 00	12 00
Haageana. Orange-red.....	2 00	12 00
Viscaria splendens fl.-pl. Brilliant red.....	2 00	12 00

LYTHRUM roseum superbum. Rosy lavender.....	1 75	10 00
Dwarf Crimson. Amaranth-purple.....	1 75	10 00

	12	100
MATRICARIA, Golden Ball.	\$1 75	\$10 00
Little Gem. White.....	1 75	10 00
MERTENSIA virginica. Bluish purple.....	1 75	10 00
MONARDA didyma. Crimson.....	1 75	10 00
Didyma, Cambridge Scarlet.....	1 75	10 00
MYOSOTIS palustris semperflorens. Rich blue.....	1 75	10 00
Semperflorens rosea.....	2 00	12 00
NEPETA Mussini. Lavender-blue.....	2 00	12 00
Souv. d'Andre Chaudron. Lilac-blue.....	2 00	12 00
OENOTHERA missouriensis. Yellow.....	2 00	12 00
Youngi. Lemon-yellow.....	2 00	12 00
PACHYSANDRA terminalis. 3-in. stock.....	\$90.00 per 1000	1 50
PAPAVER nudicaule. Iceland Poppy.....		
Coonara Pink. Rose-pink.....	1 75	10 00
El Monte. Orange color.....	1 75	10 00
Fakenham Hybrids. Good range of colors.....	1 75	10 00
White.....	1 75	10 00
Yellow.....	1 75	10 00
PAPAVER ORIENTALE.		
Apricot Queen. True apricot color.....	2 00	12 00
Cerise Beauty.....	2 00	12 00
Joyce. Cherry-red.....	2 00	12 00
Oriente. Large; crimson-scarlet.....	2 00	12 00
Mrs. Perry. Salmon-pink.....	2 00	12 00
Perry's White.....	4 00	30 00
Rose Queen. Old-rose.....	3 00	20 00
PENTSTEMON barbatus Torreyi. Scarlet.....	1 75	10 00
Heterophylla. Blue.....	1 75	10 00

Michell's Select Peonies A Select List of the Best Varieties

The divisions of varieties listed are of 3 to 5 eyes from two-year-old clumps, with balanced roots, free from disease, and absolutely true to name.	12	100
Albatre. Pure white, carmine on center petals.....	\$3 25	\$20 00
Alexandre Dumas. Brilliant pink.....	3 25	20 00
Baroness Schroeder. White with shadings of flesh.....	3 50	22 00
Charles McKellip. Rich crimson.....	3 50	22 00
Chestine Gowdy. Silvery pink.....	3 25	20 00
Eugene Verdier. Pale hydrangea-pink.....	3 25	20 00
Felix Crousse. Medium bright red.....	3 25	20 00
Festiva Maxima. Pure white, crimson markings.....	3 25	20 00
Germaine Bigot. Excellent pink.....	3 00	18 00
Karl Rosenfield. Pure rich crimson.....	3 00	18 00
La Fee. Mauve-rose, collar creamy white.....	4 50	30 00
Mme. Crousse. Soft salmon-pink.....	3 00	18 00
Milton Hill. Flesh-color.....	4 50	30 00
Modeste Guerin. Light solferino-red.....	3 25	20 00
Mons. Jules Elie. Glossy lilac-pink.....	3 25	20 00
President Roosevelt. Deep, rich brilliant red.....	3 25	20 00
President Taft. Hydrangea-pink.....	4 50	30 00
Primevere. Sulphur-white, deep sulphur-yellow center.....	5 00	35 00
Princess Beatrice. Large; violet-rose, cream-white collar.....	3 25	20 00
Therese. Rich satiny pink.....	5 00	35 00
Umbellata Rosea. Pink.....	3 25	20 00
Walter Faxon. Soft coral-pink.....	5 00	35 00



Peony, Festiva Maxima

HENRY F. MICHELL CO.

Please notice our fine collection of Hardy Phlox



Border of Hardy Phlox

Hardy Phlox · *Phlox decussata*

COLUMBIA. Plant Patent No. 118. Rich cameo-pink of a remarkably clear tone, with faint blue eye. \$2.25 per doz.; per 100, \$12.00

ROSALINDA. Soft amaranth-pink flowers. One of the best introductions to date. \$2.50 per doz.; per 100, \$15.00

	12	100
Admiral. Reddish-pink	\$1.75	\$11.00
Beacon. Brilliant cherry-red	1.75	11.00
B. Comte. Rich satiny amaranth	1.75	11.00
Champion. Old-rose. Very free	1.75	11.00
Daily Sketch. Salmon-pink with carmine eye	2.50	15.00
Enchantress. Salmon-pink, dark eye	1.75	11.00
Evelyn. Soft lively pink. Free flowering	1.75	11.00
Firebrand. Brilliant orange-scarlet	1.75	11.00
Innocence. Pure white; large	1.75	11.00
Jules Sandeau. Pure watermelon-pink	1.75	11.00
Leo Schlageter. Large; scarlet with darker eye	2.50	15.00
Lilian. Pure pink	2.50	15.00
Mme. French. Vermilion-scarlet	1.75	11.00
Miss Lingard. Pearly white. Pink eye	1.75	11.00
Mrs. William Jenkins. Pure white. Late flowering	1.75	11.00
Painted Lady. Pink, red eye	1.75	11.00
Rheinlander. Salmon-pink with claret eye	1.75	11.00
R. P. Struthers. Rosy carmine, shaded orange	1.75	11.00
Salmon Glow. Flame-pink, white tints	2.50	15.00
Thor. Deep salmon-pink, red eye	1.75	11.00

Phlox subulata · Moss Pinks

Most valuable for the rockery, the border, and for carpeting.

Alba. Pure white	1.75	10.00
Atropurpurea. French purple	2.00	12.00
Blue Hill. Deep blue	2.00	12.00
Lilacina. Light lilac	1.75	10.00
Rosea. Rose-pink	1.75	10.00
Vivid. Bright pink, fiery red eye	2.00	12.00
Divaricata (canadensis). Lavender	1.75	10.00
Divaricata Laphami. Purplish blue	2.00	12.00
Amœna. Pink	1.75	10.00

PHYSALIS Francheti. Chinese Lantern Plant	1.75	10.00
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PHYSOSTEGIA grandiflora, Vivid. Deep pink	1.75	10.00
Virginiana alba. White	1.75	10.00
Virginiana rosea. Pink	1.75	10.00

PLATYCODON grandiflorum. Blue	1.75	10.00
Grandiflorum album. White	1.75	10.00

PLUMBAGO Larpentæ. Deep blue	2.00	12.00
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PRIMULA denticulata. Lilac	1.75	12.00
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Elatior. Mixed	1.75	12.00
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Munstead Red Giant.	1.75	12.00
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Munstead Cream.	1.75	12.00
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Munstead Yellow.	1.75	12.00
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Veris. Cowslip. Red shades	1.75	12.00
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PYRETHRUM, James Kelway Hybrids. Velvety red shades	2.00	12.00
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Roseum hybridum. Various shades	1.75	11.00
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RUDBECKIA, Golden Glow.	1.75	10.00
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Hirta. Black-eyed Susan. Orange, black center	1.75	10.00
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Newmani Hybrids.	1.75	10.00
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Purpurea. Purple	1.75	10.00
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SALVIA azurea grandiflora. Sky-blue	1.75	10.00
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Pitcheri. Rich gentian-blue	2.00	12.00
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Turkestanica. Silvery foliage. Pink bracts	1.75	10.00
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SAXIFRAGA cordifolia. Rosy pink flowers	12	100
Ligulata Leichtlini. Bright red	2.50	15.00
SCABIOSA caucasica. Lavender	1.75	11.00
Caucasica alba. White	1.75	11.00
Isaac House Hybrids	2.50	15.00

SEDUM acre. Mossy Stonecrop	1.50	10.00
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Album. Foliage green. Flowers white	1.50	10.00
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Kamtschaticum. Orange Stonecrop	1.50	10.00
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Reflexum. Yellow. Evergreen foliage	1.50	10.00
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Sarmentosum. Forms soft carpet. Yellow	1.50	10.00
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Sexangulare.	1.50	10.00
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Sieboldi. Pink flowers	1.75	11.00
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Spectabile. Rose	1.75	11.00
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Spectabile, Brilliant. Bright red	1.75	11.00
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SEMPERVIVUM fimbriatum. Medium rosettes, tipped red	1.75	10.00
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Globiferum. Flattened rosettes of green leaves	1.75	10.00
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Soboliferum. Flat growth with incurved petals; red and brown foliage	1.75	10.00
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Tectorum. Broad rosettes, having reddish brown tips	1.75	10.00
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SPIRÆA Filipendula. Single; white	2.00	12.00
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Filipendula fl.-pl. Double; white	2.00	12.00
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Palmata elegans. Light pink	2.50	15.00
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Ulmaria fl.-pl. Double; white	2.50	15.00
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STATICE latifolia. Sea Lavender. Blue	2.00	12.00
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Eximia. Dwarf; lilac flowers	2.50	15.00
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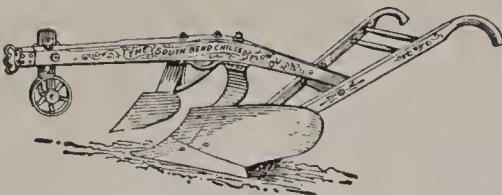
Dumosa. Light lavender; silvery white when dried	2.00	12.00
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STOKESIA cyanea. Cornflower Aster. Blue	1.75	10.00
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Cyanea alba. White	1.75	10.00

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Michell's Farm and Garden Tools



South Bend Plows

This Plow has been one of the favorites in the Philadelphia region for many years. It is neatly and substantially made and gives excellent satisfaction.

Each

No. 1B. One-horse; wood beam..... \$14 50

No. 2F. One heavy horse or two light

horses; wood beam..... 16 00

No. 3F. Two-horse; wood beam..... 18 00

The prices above are for plain Plows with clevis only. Jointers and wheels can be supplied for No. 3F at the following additional cost:

Wheel only..... \$2 50

Jointer only..... 4 70

Nos. 1B and 2F are too light for jointer and wheel.

Shares for South Bend Plows

Each	Each
No. 1B..... \$0 50	No. 3F..... \$0 65
No. 2F..... 55	

Planet Jr. Horse Hoes and Cultivators



No. 8 Planet Jr. Horse Hoe

Planet Jr. implements are in great demand by the market-garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line, also Riding Cultivators.

Each

No. 8. Horse Hoe and Cultivator..... \$15 50

No. 90. 12-tooth Harrow, with Wheel and Pulverizer..... 16 50

No. 90B. 12-tooth Harrow, without Pulverizer..... 13 50

No. 90D. 12-tooth Harrow, without Pulverizer and Wheel..... 10 75

No. 101. Cultivator with Wheel..... 10 00

No. 101D. Cultivator without Wheel... 8 75

No. 83. 7-tooth Cultivator with Wheel.. 13 50

No. 83D. 7-tooth Cultivator without

Wheel..... 12 00



Planet Jr. Wheel Hoes

Each

No. 12. Double and Single Wheel. (See cut.)..... \$11 50

No. 13. Double and Single Wheel..... 8 75

No. 11. Double and Single Wheel..... 14 50

No. 16. Single Wheel..... 8 75

No. 17. Single Wheel..... 7 75

No. 17½. Single Wheel..... 6 75

No. 18. Single Wheel..... 5 75

No. 119. Plow and Cultivator Combined. 3 85

Planet Jr. Wheel Hoe Parts

Side Hoes, per pair, 4½-in..... \$1 20

6-in..... 1 30

7½-in..... 1 50

Side Plows, per pair..... 1 40

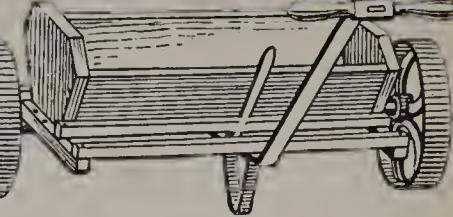
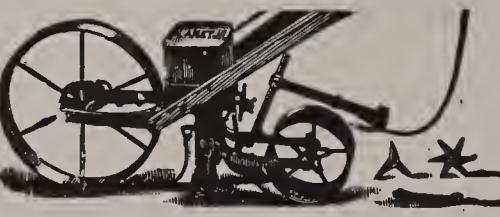
Cultivator Teeth, each..... 35

Peat Land Hoes, per pair..... 1 90



Fire-Fly Garden Plow

Exceedingly useful to every owner of a garden. It throws furrows various widths and is very desirable for plowing up gardens for new crops, after general plowing in spring. Price, \$4.50.



Stevens' Fertilizer Distributor

Hand Machine. For distributing bonemeal, wood-ashes, and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Holds about 1¾ bushels. Covering area, 3 feet wide. Price, \$25.00.

Horse Machine. This style is suitable for use on large lawns, fields, and golf-grounds. It has a device for regulating the quantity to be sown. Equipped for either one or two horses, as may be desired.

5 ft., 10-in. spreading area..... \$70 00
8 ft., 3-in. spreading area..... 75 00

Soil Pulverizer

The machines are equipped with a hopper and a roller 6 inches in diameter, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift. Length Width Height Each

No. 1..... 25 in. 20 in. 40 in. \$35 00

Power Soil Shredder and Pulverizer. Complete with gasoline motor. Price \$115.00, f.o.b. factory.

Vigoro Spreader

A Spreader for the application of fertilizers in flower-beds and vegetable gardens before seeds are sown or plants set out; also to sow grass seeds, top-dress lawns, etc.

New Model. 14-in. spreading area. Capacity, 13 lbs. Price, \$3.15.

Junior. 16-in. spreading area. Capacity, 30 lbs. Price, \$6.45.

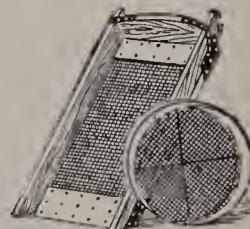
Standard. 24-in. spreading area. Capacity, 65 lbs. Price, \$12.50.

Special. 36-in. spreading area. Capacity, 125 lbs. Price, \$19.75.

Sieves

Any size mesh. Made extra well.

Galvanized Wire, 18-in. \$1.75 each (post-paid \$1.90).



Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy-grade foundry wire. Price, \$16.00.

Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

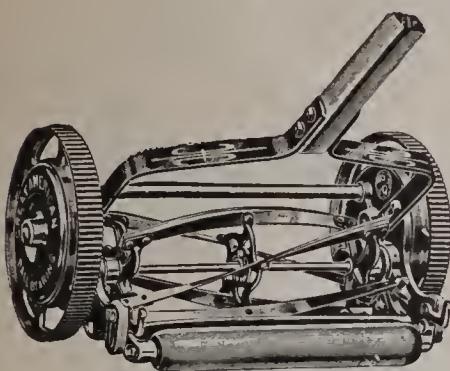
	Per ft.	Per ft.
20-ft.....	\$0 65	30-ft..... \$0 65
22-ft.....	65	32-ft..... 65
24-ft.....	65	36-ft..... 70
26-ft.....	65	38-ft..... 70
28-ft.....	65	40-ft..... 70

Single Plank Ladders

Made of good hard wood, free from faulty knots and with perfect rounds.

	Each	Each
8-ft.....	\$4 00	18-ft..... \$9 00
12-ft.....	6 00	20-ft..... 10 00
14-ft.....	7 00	22-ft..... 11 00
16-ft.....	8 00	

MICHELL'S LAWN ACCESSORIES



Great American Ball-bearing Mower

Great American High-Wheel Ball-bearing Mower

5-blade cylinder	
15-in. \$15 15	19-in. \$17 50
17-in. 16 25	21-in. 18 95

Penna. Meteor

Built of aluminum by Penna. Lawn Mower Co. Equipped with good quality rubber tires and rubber-covered roller.

10-in. wheels; 5-blade cylinder	
16-in. \$17 50	19-in. \$18 85

Pennsylvania Jr. Ball-bearing

8-in. or low wheel; 5-blade cylinder, 5½-in. diam.

12-in. \$15 15	16-in. \$20 65
14-in. 17 50	18-in. 22 75

10-in. or high wheel; 5-blade cylinder, 6-in. diam.

15-in. \$20 65	19-in. \$24 55
17-in. 22 75	21-in. 26 35

Wm. Penn

All castings are malleable iron (commonly known as steel) and are unbreakable. Ball bearing.

10-in. wheels; 5-blade cylinder	
17-in.	\$16 00

Pacemaker

10-in. wheels; 5-blade cylinder. Semi-pneumatic tires.

14-in. \$13 20	18-in. \$14 85
16-in. 14 00	

Mokleen Chief Special Ball-bearing

10-in. wheels; 4-blade cylinder.	
16-in. \$15 45	18-in. \$16 60

Pennsylvania Putting Green Super Roller Mower Type

18-in.	\$48 00
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Anniversary Ball-bearing

10-in. wheel.	
17-in., 5-blade cylinder	\$10 75
17-in., 7-blade cylinder	15 00

Big Boy Ball-bearing

10-in. wheel; 4-blade cylinder.	
16-in.	\$9 45

Interstate Ball-bearing

10-in. wheel; 5-blade cylinder.	
14-in. \$10 50	18-in. \$12 00
16-in. 11 25	

Lawn Trimmers

For cutting around walks, drives, flower-beds, and borders.

Penna. Combined Trimmer and Edger	\$9 60
Penna. Undercut style; ball-bearing	10 95
Coldwell.	8 50

Simplicity Grass Catcher

Made with sheet-iron bottom and canvas sides. Will fit any make of mower.

No. G10. 12- to 16-in. size	\$1 40
No. G12. 17- to 22-in. size	1 65

National Sickel Bar Mower

Cuts weeds and grass whether long or short, on practically all classes of ground—hilly or stony—around trees and shrubbery—on levels or in the rough. Engine drives, both cutting and traction, you only steer. Makes a cut 40 inches wide. \$185.00.

Motor Mowers

Beaver. 19-in. and 26-in. cut.

Brownie. 19-in. cut.

Coldwell, Twin 30. 30-in. cut.

Coldwell, L Twin. 25-in. cut.

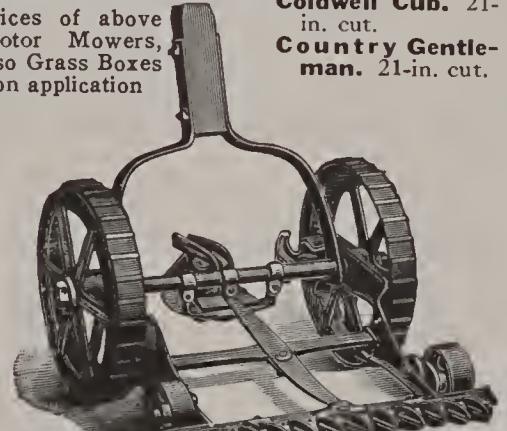
Coldwell, L Twin. With gang units, 60-in. cut.

Coldwell, L Junior. 25-in. cut.

Prices of above Motor Mowers, also Grass Boxes on application

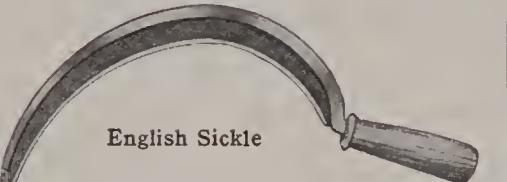
Coldwell Cub. 21-in. cut.

Country Gentleman. 21-in. cut.



Clipper Lawn Mower

15-in.	\$12 50
18-in.	\$14 00



Sickles or Grass Hooks

Each Doz.

English Rivet Back. No. 2. \$1 10 \$11 50

English Rivet Back. No. 3. 1 10 11 50

English Solid Back. No. 2. 75 7 00

Little Giant, American. ... 60 6 50

Dutch or German. No. 2. 70 7 50

Austrian. 70 7 50

Long Handle. No. 6. 1 15 12 50

Brush Hook. No. 10. 2 25

Price, \$1.15

Kelly Weed Cutter



Grass Shears

Each

No. 235. **American.** 6-in. \$0 45

No. 012. **American.** 6-in. 1 35

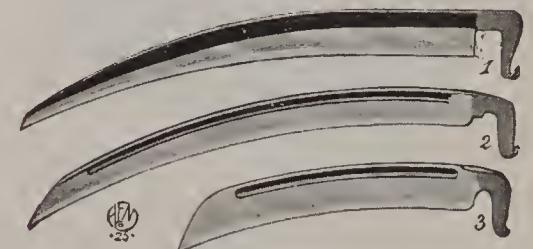
No. 114. **English.** 7-in. Trowel shank handle. 2 50

No. 113. **English.** 7-in. Straight handle. 2 25

No. 0267. **American.** 5½-in. 90

No. 0267. **American.** 7-in. 1 20

No. 90. **Michell's.** Built like hair-cutters 90



No. 1, English; No. 2, American; No. 3, Little Giant Brush

Scythes

English. 32-in.; rivet back. \$2 75

34-in.; rivet back. 3 00

36-in.; rivet back. 3 50

American, Little Giant. 32-in. 2 00

34-in. 2 00

36-in. 2 00

Brush or Briar, Little Giant. 2 00

Snathes for Scythes. 2 00

Sharpening Stones	Each	Doz.
Sir Pike. Talacre Style	\$0 30	\$3 50
Talacre Stone. Imported	45	5 25
Darby Creek.	25	2 75
Carborundum.	35	4 00
Carborundum File.	95	
Carborundum Rifle.	25	



Grasswipper

The New Double-Edged, Long-Handled Grass-Cutter.

No. 165. Cuts easily on both the forward and backward swing. Forged blade; round steel shaft; maple handle. Enamored in red and green. Price, 95c.

Same as above, with serrated edge. Price, \$1.00.



Price, \$4.25

An indestructible all-metal tool made of quality material. Weight, 11½ lbs.; length overall, 4 ft.; plate, 9 in. square; spikes, 1¾ in. long.

MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES



Keystone Water-Ballast Rollers

Fill with water to weight it up to any number of pounds desired, as shown below. Equipped with a device for keeping handles stationary.

No.	Sec- tions	Diam.	Length	Weight empty	Weight filled	Price
601	1	14	24	60	250	\$13 00
602	1	18	24	85	330	14 50
603	1	24	24	100	440	17 00
604	1	24	32	135	590	18 00

Prices on Iron Horse Rollers on application. We can also supply the iron rollers which are not Water-Ballast.

Putting-Greens Roller

Cast steel; 4 ft. long; 10-in. diam.; 4 sections. Weight, 160 lbs. Price, \$26.00.

Michell's Spike-Tooth Rollers

Easily manipulated by one man. Steel rolls filled closely with spikes of proper length for perforation. Two sections, 9-in. diam.; 18-in. width. Weight, 70 lbs. Price, \$25.50.



Midget Spike-Tooth Roller

Price, \$8.50.

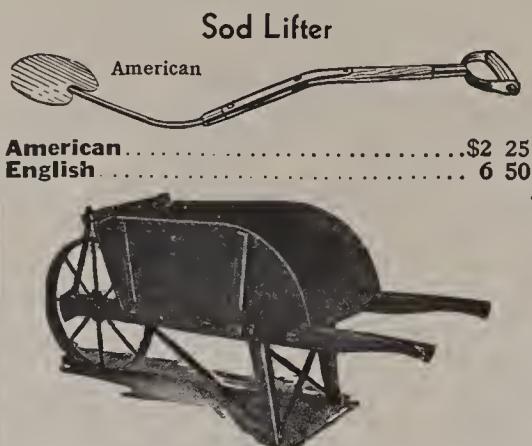
Roller, 13 inches wide; spikes, 1 1/2 inches long.



Champion Sod-Cutter

The best and most satisfactory machine on the market. It will cut as much in one hour as two men all day. Price, \$48.00.

Extra Knives for Sod-Cutters \$12 00



Sod Lifter

American	\$2 25
English	6 50



Michell's Greenhouse Wheelbarrows

This very narrow Barrow is designed for use in greenhouse aisles. Inside of box measures 14 inches in front, 17 inches in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at handhold 20 inches, which is extreme width of Barrow. Furnished in 18-inch diameter wheel, nicely painted and striped. Price, \$9.50.

Great American Wheelbarrow.

	Tire	Length	Depth	Width	Price
	in.	in.	in.	in.	
No. 1	2 3/4	30	12	25	\$8 75
No. 2	2 3/4	28	12	24	8 00
No. 3	2 3/4	26	12	22	7 50

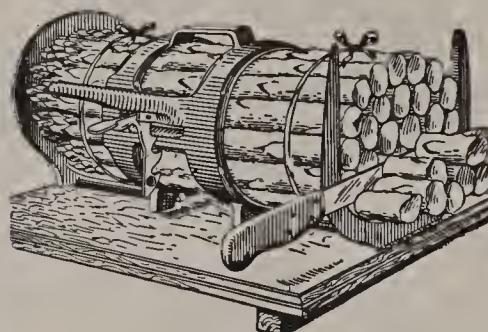
Great American, Boys' Wheelbarrow.

No. 4	1 3/4	22	9	18	5 75
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Great American. Equipped with pneumatic rubber-tire wheel.

No. 2	2 3/4	28	12	24	14 00
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Canal. Side dump; bolted. 4 50



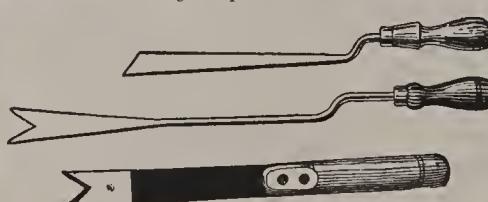
Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. The asparagus is quickly tied and looks uniform.

Each P. Post
Buncher, with Knife-Guard \$3 50 \$3 70

Asparagus Tape Each P. Post
Red. In 1000-yd. spools \$3 25 \$3 40

Green. In 1000-yd. spools 3 00 3 15



Each P. Post
No. 2501. Top illustration \$0 45 \$0 55
No. 2500. Center illustration 45 55
No. 2311. Lower illustration 40 50

Marking Rake

These are for marking out garden rows. Adjustable brass teeth which are set for any width row desired up to 4 1/2 feet. Price, \$6.00. Extra teeth, 60c. each.

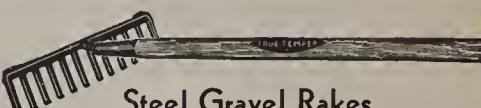
Steel Brume Rake
Spring steel teeth. Price, \$1.00



Steel Garden Rakes

Made of the best cast steel.

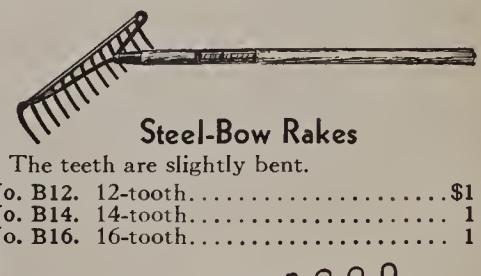
No. 12.	12-tooth	.....	\$1 05
No. 14.	14-tooth	.....	1 25
No. 16.	16-tooth	.....	1 35
No. 18.	18-tooth	.....	1 50
Michell's Excelsior.	16-tooth	.....	80



Steel Gravel Rakes

These Rakes are used for road-making and for paths. Have very short teeth.

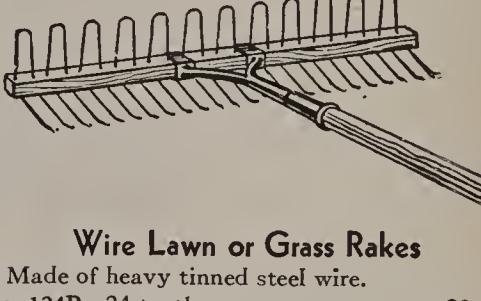
No. G14.	14-tooth	.....	\$1 50
No. G16.	16-tooth	.....	1 60



Steel-Bow Rakes

The teeth are slightly bent.

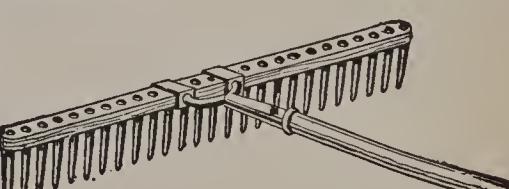
No. B12.	12-tooth	.....	\$1 30
No. B14.	14-tooth	.....	1 40
No. B16.	16-tooth	.....	1 50



Wire Lawn or Grass Rakes

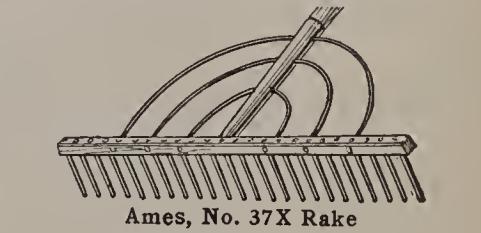
Made of heavy tinned steel wire.

No. 124R.	24-tooth	.....	\$0 95
No. 36LR.	36-tooth	.....	1 65



Ole Olsen Lawn Rake

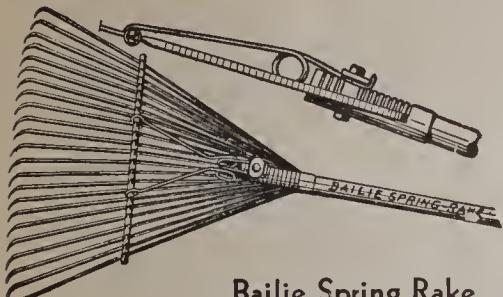
Made of the best hickory wood; well braced. 26-tooth. Price, 90c.



Ames, 37X.	28-tooth; steel bows	.....	\$1 10
Ames.	14-tooth; wood bow. For hay	.....	85
Automatic.	26-tooth. Wood	.....	1 65
	38-tooth. Wood	.....	2 25

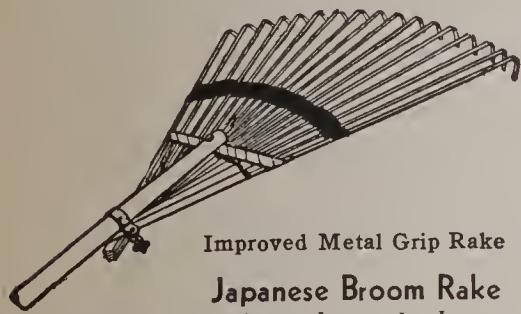
Wooden Rakes

MICHELL'S FARM AND GARDEN TOOLS



Bailie Spring Rake

Ideal for lawn or driveway. Made from spring wire. 24-tooth. Price, \$1.85.



Improved Metal Grip Rake

Japanese Broom Rake

Made of split bamboo; cleans the lawn or grass plot completely.

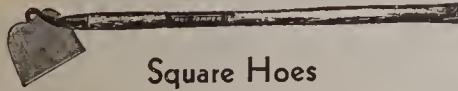
18-in., with bamboo handle.....	\$0 30
18-in., with hardwood handle.....	65
24-in., with hardwood handle.....	90
30-in., with hardwood handle.....	1 40



Half-Moon Hoes

Best solid steel sockets which will not pull out.

No. HM4. 4-in.....	\$1 10
No. HM6. 6-in.....	1 25
No. HM7. 7-in.....	1 40



Square Hoes

No. G06. 6-in., solid shank.....	\$1 10
No. G07. 7-in., solid shank.....	1 15
No. G08. 8-in., solid shank.....	1 25
No. 10. 10-in., for celery.....	1 75
Michell's Special. 7-in., solid shank.....	70

Warren Hoes (Heart-shaped)

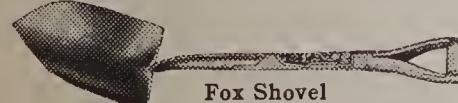
No. W7. 7-in.....	\$1 40
No. W7½. 7½-in.....	1 65

Baby Warren Hoe

No. BW4½. Short handle.....	\$0 80
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Two-Prong Onion Hoe

No. 2P.....	\$0 70
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Shovels

We handle only the very best makes of steel Shovels. Every one guaranteed.

Short Handle

Fox. Round point.....	\$2 00
Square point.....	2 00
Conneaut. Round point.....	2 25
Square point.....	2 25
Empire. Round point.....	1 35
Square point.....	1 35

Shovels, Long Handle

Fox. Round point.....	\$2 00
Square point.....	2 00
Conneaut. Round point.....	2 25
Square point.....	2 25
Empire. Round point.....	1 35
Square point.....	1 35



Steel Spades

Fox. Short handle.....	\$2 00
Conneaut. Short handle.....	2 25
Nursery, Conneaut's Special.	4 00
Empire. Short handle.....	1 35
Boys', Pfeiffer's.	1 40

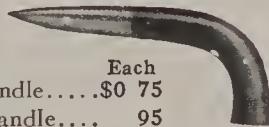


Spading Forks

Strapped shanks; short or D-wood handle. Made of best-quality steel.

No. 04HW. Men's. 4-time.....	\$1 90
No. 05 HD. Men's. 5-time.....	2 15
No. B4D. Boys' or Ladies'. 4-time.....	1 00
No. ED4. English. 4-time.....	3 00
No. POL4. Michell's Special. 4-time.....	1 00

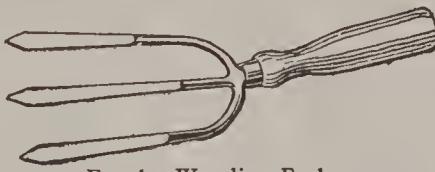
Dibbles



Each

Iron Point. Wood handle.....	\$0 75
Brass Point. Wood handle.....	95

If wanted by Parcel Post, add 10c. each for postage.



Eureka Weeding Fork

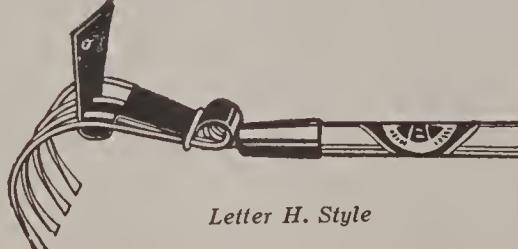
Weeders

Eureka Weeding Fork. (See cut above.) Short handle, 50c. each (by Parcel Post, 60c.); doz. \$5.50.

Long handle, 75c. each.

Eureka Weeder. Short handle, 45c. each (by Parcel Post, 55c.); doz. \$4.75.

Long handle, 70c. each.



Letter H. Style

Magic Weeder, No. A. Small. 10c. each (by Parcel Post, 20c.); doz. \$1.00.

No. B. Medium. 15c. each; doz. \$1.50.

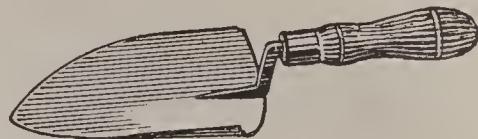
No. F. Medium. 60c. each.

No. H. Large. 85c. each.

Excelsior Weeder. 15c. each (by Parcel Post, 25c.); doz. \$1.50.

No. 3 W Steel Weeder. 50c. each (by Parcel Post, 60c.).

Hazeltine Weeder. 30c. each (by Parcel Post, 40c.); doz. \$3.25.



Johnson Trowel

No. 211. These are made of one-piece steel blade and shank. Equal to the imported Trowels.

5-in.....	\$0 70	7-in.....	\$0 80
6-in.....	75		



No. D. S. T. Steel Shank Trowel

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 85c. each; doz. \$9.75.

Cleves Angle Trowel

For getting dandelion, plantain, and other weeds out of the lawn, etc.

5-in.....	\$0 20	7-in.....	\$0 30
6-in.....	25		



English Bulb Trowel

Heart-shaped blade, 4¾ in. wide, for planting out bulbs, etc. Price, 95c.



Transplanting Trowel

No. 217A. Steel shank and blade. Price, 75c.

Neverbreak Trowel

No. 800. Heavy steel. 5-in. 12c. each; doz. \$1.25; \$11.00 per gross.



Garden Reels

Small Single. Price, \$1.65 (by Parcel Post, \$1.75).

Medium, Single. Price, \$2.10 (by Parcel Post, \$2.30).

Garden Line

Best-quality white cotton braided. 100-ft. hanks, 90c. (by Parcel Post, \$1.00).

Plow Line Cotton. 45-ft. hanks, 50c. (by Parcel Post, 60c.).

A Sudbury Soil-Test Kit will pay big dividends

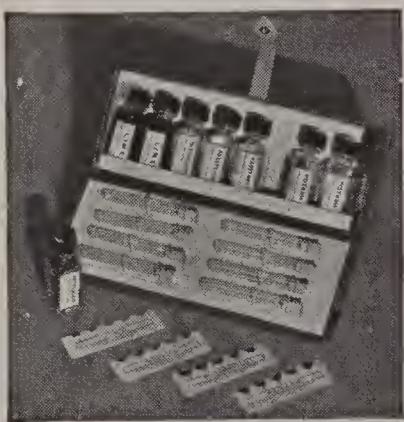
MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



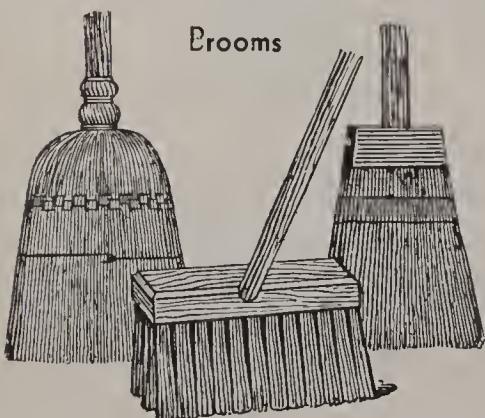
Sudbury Soil-Test Kit

Home Gardener's Model. This simple, practical, easy-to-use Kit shows you how to lime and fertilize for best results. Makes 20 individual tests for nitrogen, phosphorus, potash, and acidity. Price, \$2.00.



Horticultural Model. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Tests for nitrogen, phosphorus, potash, and acidity. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

Professional Model. Widely used by large growers, nurseries, greenhouses, and Government stations. Gives quick, practical field-tests for nitrogen, phosphorus, potash, and acidity. Capacity, 200 individual tests. Inexpensive refills available. Price, \$18.50.



Plain Corn Rattan Push Japanese Fibre
No. 9. Japanese Fibre.....\$1.00
No. 8. Corn and Rattan mixed.....90
Golf Greens. Birch.....Doz. \$3.25.....30
No. 7. Plain Corn. Extra quality.....90

Road Brushes (With Handles)
No. 271. Rattan Push. 14-in.....\$1.00
No. 1414. Bass or Cocoa Push. 14-in.....1.00



Hedge Shears

	American	English
No. 30. 6-in.	\$2.10	
No. 30. 8-in.	2.25	\$3.50
No. 30. 9-in.	2.60	3.75
No. 30. 10-in.	2.85	4.25
No. 101A. 12-in.		5.00

Lock Bolts, Nuts, and Washers for Hedge Shears, 25c. each.



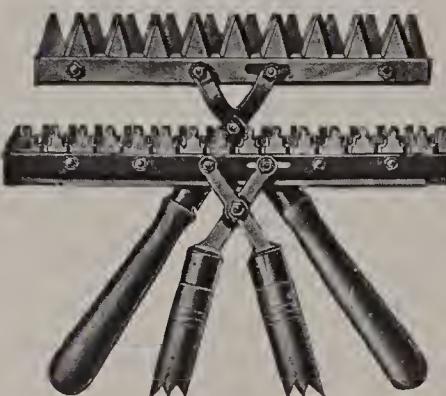
Wiss Hedge Shears

Blades of high carbon steel; handles, drop-forged steel, with wood grip.

8-in.	\$2.75
9-in.	3.25
10-in.	3.75

Simplicity Hedge Trimmer

No. 100. To be used for fresh new growth only. Will trim every variety of hedge grown and to any shape. Price, \$3.75 (by P. Post, \$4.00).



Simplicity Hedge Pruner and Trimmer
No. 101. For pruning back old growth and trimming new. Price, \$4.75 (by P. Post, \$5.00).



Tree Pruners

Disston's Little Giant.....\$2.25
With saw attachment.....3.25

No. 111. Disston's Adjustable Pruning Saw.....1.75

The above prices are for Pruner without rope or pole.

If wanted by Parcel Post, add 15c. each for postage

Disston's Little Giant with Saw

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Each P. Post
No. 3. Short handle.....\$0.60 \$0.70



Clyde Tree Trimmer

No. 5407. With pole and removable cutting blade, complete.

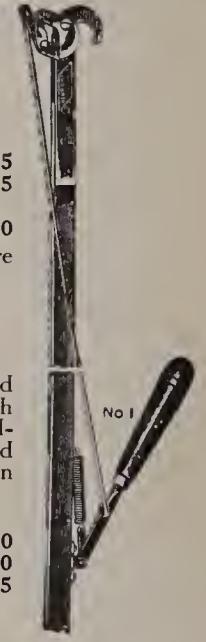
6 ft.	\$2.25
8 ft.	2.50
10 ft.	2.75
12 ft.	3.00
14 ft.	3.25

Extra Blades for Clyde Pruners, 20c. each.

Poles for Tree Pruners

12 ft. long, 1 1/2 in. diam. \$2.25
14 ft. long, 1 1/2 in. diam. 2.75

Bamboo. 12 ft. long in 3 sections.....1.40
Clyde Pruners or Poles are not mailable.



Bartlett Compound Tree Trimmer

No. 1R. This has a compound lever head and is made with a hook and side lever. Calculated for heavy work and will cut a limb 1 1/4 inches in diameter.

Prices with Pole
6 ft....\$5.50 | 12 ft....\$6.50
8 ft....5.75 | 14 ft....7.00
10 ft....6.00 | 16 ft....7.25

No.1

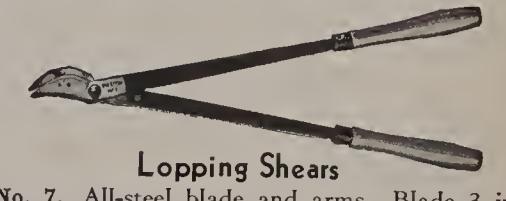


No.3



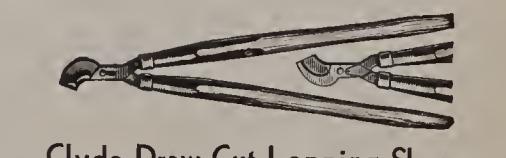
Disston Lopping Shears

No. 1. 27 1/2-in. handles.....\$3.25
No. 3. Bulldog. 27 1/2-in. handles.....3.25



Lopping Shears

No. 7. All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles. 8 in. long. Weight, 1 3/4 lbs. Price, \$3.25.



Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged tool steel. Natural finish ash handles 30 in. long. Pressed steel strapped ferrule and cap. Price, \$3.75 (by Parcel Post, \$3.95).

Shears, Saws, and Knives for all pruning operations

MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES, continued



Clyde Lopping Shears

No. 5409. Solid tool-steel blade and hook. Hardened steel bolt with lock nut. Handles natural finish ash, 2 ft. long. Polished pressed steel ferrule and cap. Price, \$1.75 (by Parcel Post, \$1.95).



Forester Lopping Shears

No. 1. 20 in. long. Weight, 2 lbs. 10 oz... \$4.85
No. 2. 27 in. long. Weight, 4 lbs. 10 oz... 5.75
No. 3. 34 in. long. Weight, 7 lbs. 4 oz... 6.75



Rhodes Lopping Shears

Makes an absolutely clean, perfect cut. Blades are concave at the cutting edge. 26-in. and 30-in. handles. Price, \$4.50 (by Parcel Post, \$4.70).



No. 4



No. 7



No. D27

Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

No. 4. 18-in., double edge..... \$1.60
No. 4. 20-in., double edge..... 1.75
No. 7. 16-in., single edge..... 1.65
No. 7. 18-in., single edge..... 1.70
No. 7. 20-in., single edge..... 1.90
No. 50. 14-in., California Pattern. Crescent-shaped blade..... 1.40
No. 5. 20-in., double edge, curved blade... 1.90
D27. Steel blade, 6 in. wide at butt; 1 1/4 in. at point; 26 in. long. Hardwood handle. 3.50

Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

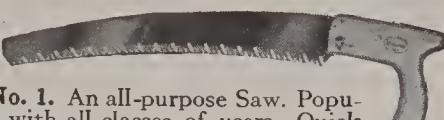
Disston No. 8D. 26-in. blade. Price, \$3.00.

Cross-Cut Log Saws

No. 554. **Champion.** One-man. 3-ft. blade..... \$3.50
No. 122. **Great American.** Two-man. 5-ft. blade..... 5.50

Speed Saws

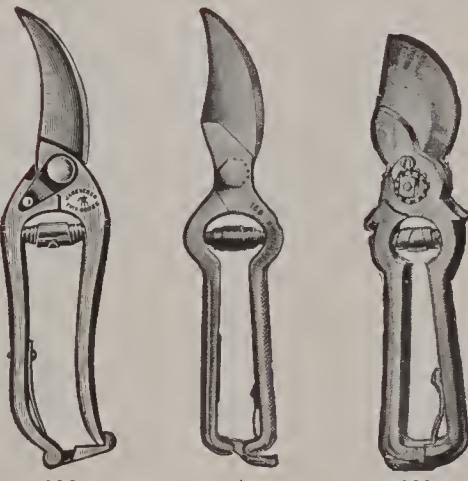
A patented Saw with new-design teeth in groups of 2 slicer teeth and one planer tooth. Made of the best rust-resisting steel, in excellent finish, and used by many for every purpose.



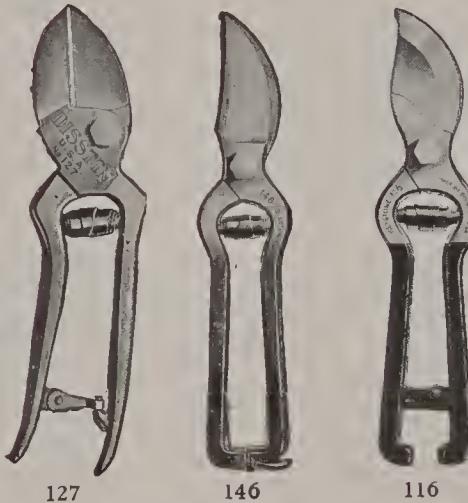
TR No. 1. An all-purpose Saw. Popular with all classes of users. Quick detachable handle. Blade used with pole pruner for cutting high limbs from ground. 16-in. blade. Price, \$3.50.



TR No. 3-14. Preferred by utilities, telephone companies and tree surgeons. 1 3/4 in. at point and 3 3/4 in. at butt. Use No. 102 gauge when filing. Price, \$4.35.



100 156 109



127 146 116

Pruning Shears

If Pruning Shears are wanted by Parcel Post, add 10c. each for postage.

No. 100. **Michell's.** 9-in..... \$4.00
No. 156. **Disston.** 8 1/2-in..... 3.00
No. 127. **Disston.** 8 1/4-in..... 1.85
No. 116. **Disston.** 9-in..... 90
No. 146. **Disston.** 9-in..... 1.40
No. 5. **Michell's.** 9-in..... 45
No. 109. **Wiss.** 8-in..... 3.25
No. FH-2. **Wiss.** 6 1/2-in. Nickel-plated.. 1.50
Spiral Springs for any of the above Pruning Shears, 20c. each; doz. \$2.00.

Pruning Gloves

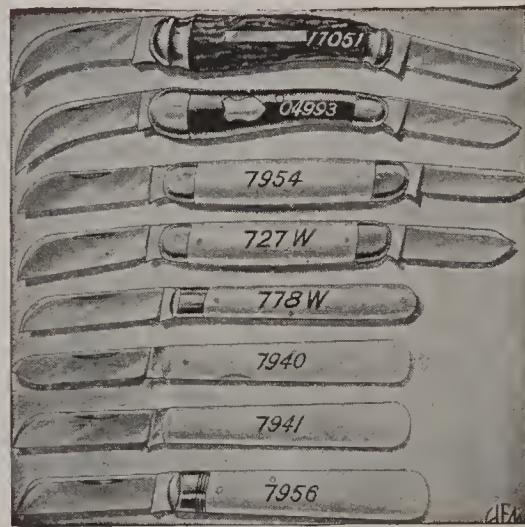
Pair
No. 280. Horsehide, with gauntlets, lined. \$1.70
No. 217. Horsehide, with gauntlets, not lined..... 1.50
No. 228F. Horsehide, no gauntlets, not lined..... 2.25

Ezy Wear Garden Gloves. All leather. 70
If wanted by Parcel Post, add 10c. for postage.

Pruning Compound

Used for painting the wounds of trees after pruning.

Qt..... \$0.45
Gal..... 1.40



Horticultural Knives

A good Knife is an essential to every gardener and florist. Our Knives are all of the best steel and guaranteed to give good satisfaction.

Wostenholm English

No.
7705 **Pruning.** 1 blade. Stag handle. Each Extra heavy..... \$3.00
7940 **Budding.** 1 blade. White handle. 2.75
7954 **Budding.** 2 blades. White handle 3.25
7956 **Budding.** 2 blades. White handle 3.75
17051 **Pruning.** 2 blades. Stag handle.. 3.25

American

R1955 **Budding.** 1 blade. White handle. \$0.90
105 **Pruning.** 1 blade. Cocoa handle. 1.00
727W. **Budding.** 2 blades. White handle. 1.15
04993. **Budding and Pruning.** 2 blades. Stag handle..... 1.00
Florists' Favorite. 1 blade. White handle 90

Grafting Tool

Made of best steel, for grafting trees, etc. Price, \$1.10 (by Parcel Post, \$1.20).



Grafting Tape

For grafting, budding and general tree surgery. Medicated. In 60 yard rolls, 1/4-inch wide. 65c.

Grafting Wax

1/4lb. 18c.; 25c. per 1/2lb. (by Parcel Post, 30c.); 1lb. 45c. (by Parcel Post, 55c.).

A supply of these Accessories will save time and money

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Rubber Hose

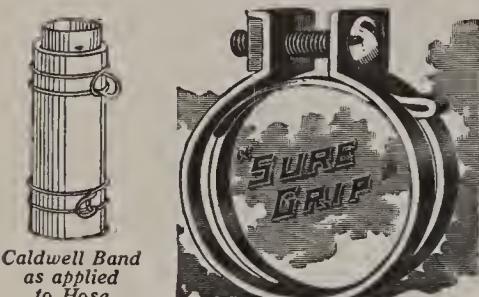
	Per ft.
Michell's Special. $\frac{1}{2}$ -in.	\$0 14
Michell's Special. $\frac{5}{8}$ -in.	15
Michell's Special. $\frac{3}{4}$ -in.	16
Electric. You cannot kink it. $\frac{1}{2}$ -in.	18
Electric. $\frac{5}{8}$ -in.	19
Electric. $\frac{3}{4}$ -in.	22
Super Bull Dog. Green. $\frac{3}{4}$ -in.	22
Spray Pump Hose. $\frac{3}{8}$ -in.	15

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 20c. per pair for couplings attached.

Hose Washers (Rubber)

	1/4lb.	Lb.	By P. P.
$\frac{1}{4}$ -in.	\$0 15	\$0 50	\$0 60
1-in.	30	95	1 05



Hose Bands (Caldwell's)

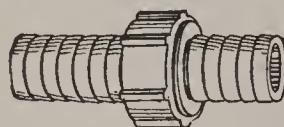
If wanted by Parcel Post, please add 5c. per doz. and 15c. per gross for postage.

	Doz.	Gross
No. 8. For 4-ply hose	\$0 40	\$4 00
No. 6. For 3-ply hose	40	4 00

Pliers for above, 35c. per pair (by Parcel Post, 45c.).

Sure Grip

Can be furnished in $\frac{1}{2}$ -in., $\frac{5}{8}$ -in. and $\frac{3}{4}$ -in. size at 5c. each; doz. 40c. (by Parcel Post, 50c.); \$2.60 per 100 (by Parcel Post, \$2.70).



Brass Hose Couplings

	Pair	Doz.	By P. P.
$\frac{1}{2}$ -in.	\$0 25	\$2 60	\$2 70
$\frac{5}{8}$ -in.	25	2 60	2 70
$\frac{3}{4}$ -in.	25	2 60	2 70
$\frac{5}{8}$ -in., long shank	30	3 00	3 15

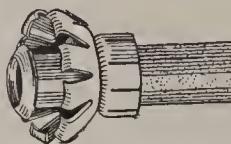
Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For $\frac{1}{2}$ - and $\frac{3}{4}$ -in. hose—mention which is wanted when ordering. 30c. per pair (by Parcel Post, 35c.); doz. pairs \$3.30 (by Parcel Post, \$3.55).

Hose Menders

If wanted by Parcel Post, add 10c. per doz. for postage. Each Doz. 100

	\$0 10	\$0 90	\$6 00
Cooper's. $\frac{3}{4}$ -in.	10	90	6 00
Cooper's. $\frac{5}{8}$ -in.	10	90	6 00



Perfect Hose Menders

For $\frac{1}{2}$ - and $\frac{3}{4}$ -in. hose, 12c. each; doz. \$1.10 (by Parcel Post, \$1.20); \$7.50 per 100.

Noscrew Hose Clamp

Installed instantly; no screw-driver or tools of any kind required. For $\frac{1}{2}$ -in., $\frac{5}{8}$ -in., and $\frac{3}{4}$ -in. hose. 9c. each; doz. 90c.

Siamese Hose Connection

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used, according to the water pressure. Price, 95c. (by Parcel Post, \$1.05).



Shut-Off Connection

Cast-brass, polished, $\frac{3}{4}$ -in. male thread on one end and $\frac{3}{4}$ -in. female thread on the other. Price, \$1.10 (by Parcel Post, \$1.20).

Tradur Hose Connectors

These complete your hose equipment by adding efficiency and convenience. They save you time and money and please your men. They stay on the job.

Faucet Part. $\frac{3}{4}$ -in.	\$0 25
Hose Part. $\frac{3}{4}$ -in.	65
Complete Set	90



Hose Reducers

Reduces 1-inch pipe to fit regular $\frac{3}{4}$ -in. hose. All brass. Price, 30c. (by Parcel Post, 40c.). Fig. 966. Reduces $\frac{3}{4}$ -in. pipe to fit regular $\frac{5}{8}$ -in. hose. Price, 55c. (by Parcel Post, 65c.).

Stott's Spray Nozzles

A. Single.	\$1 75
B. Double.	2 75



Paradise Nozzle

10-in. \$2 50 | 18-in. \$3 00

Flaring Rose Sprinkler

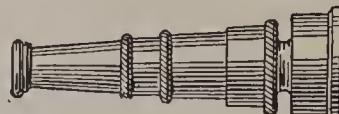
Ejects a fan-like spray. Especially adapted for sprinkling flowers. Price, 50c. (by Parcel Post, 60c.).



Boston Spray Nozzle

For $\frac{3}{4}$ -in. hose Each By P. P.

Light Copper.	\$1 40	\$1 50
Heavy Brass.	1 25	1 35



Gem Pattern Nozzle

For $\frac{3}{4}$ -in. hose. Price, 55c. (by Parcel Post, 65c.).

Binks Nozzle

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands.

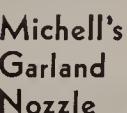


Heavy Brass	\$3 25	\$3 35
Aluminum	4 50	4 60



Champion Brass Nozzle

A dandy Nozzle for greenhouse use. Easily adjusted. Price, 50c. (by Parcel Post, 60c.).



A fine Nozzle for watering benches.

Price, 50c.



Carter Lever-Spray Hose Nozzle

Hand-pressure regulates flow. Automatic shut-off when released.

Price, 95c. (by Parcel Post, \$1.05).

Hydrant Attachments

Used for attaching hose to smooth faucets.

No. 2. For small spigot	\$0 55	\$0 65
No. 3. For large spigot	60	70

Aprons

For protecting the clothing while watering, etc.

Rubber.	\$2 00	\$2 10
Blue Denim.	1 00	1 10

Liquid Manure Distributor

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. Price, \$2.75 (by Parcel Post, \$2.85).

PRICES ON THIS PAGE SUBJECT TO CHANGE

HENRY F. MICHELL CO.

MICHELL'S SPRAYING APPARATUS



No. 3 Paragon Sprayer

Paragon Sprayers

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash.

No. 0. Capacity, 3½ gals. Equipped with 4-ft. Hose, a 3-ft. Spray Pipe, and 3 Spray Nozzles. Price, \$12.75.

No. 1. With a 6-gal. Reservoir. Equipped with 5-ft. Hose, 5-ft. Spray Pipe, and 3 Nozzles. Price, \$17.00.

No. 3. With 12-gal. Tank mounted on a Truck, 7½-ft. Spray Pipe, 3 Nozzles, and 10-ft. Hose. Price, \$22.50. Without Truck, \$18.25.

We can also supply this Sprayer with single wheel at same price.



No. 4 Paragon Sprayer

No. 4. Capacity, 28 gals. Mounted on a two-wheel Truck, with 10-ft. Spray Pipe, 20-ft. Hose, and 3 Nozzles. Price, \$38.50.

No. 5. Capacity, 50 gals. Equipped with 25-ft. Hose, 10-ft. Extension Pipe, 3-way Spray Nozzle, and one Single Spray Nozzle, no Truck. Price, \$42.50. With Truck, \$67.50.

B41. Extra Washers for Pump Plungers for Paragon Sprayers, 25c. each.

Fittings for Paragon Sprayers

No. E85. Two-way Spray \$2 50

No. B35. 2½-ft. Extension Pipe 60

No. E86. Y Fitting 1 00

No. B 7. Hose Coupling, Complete 1 10

No. B18. Strainer 1 25

No. B10. Female Hose Coupling 70

No. B20. Stop-Cock 1 00

No. B24A. Mist Spray Nozzle, Complete 90

No. B22. Brass Hose Bands 10

Hose for Paragon Sprayers. 3/8-in. 18c. per ft. **Extension Pipe** with bent end for Paragon Sprayers, 60c.

Couplings extra

516 and 518 Market St., Philadelphia, Pa.

PRICES ON THIS PAGE SUBJECT

TO CHANGE

Gould Spray Pumps

This make of Spray Pump has been favorably regarded by gardeners, farmers, and fruit-growers for years.

Pomona. No. 1744. Plain Barrel Pump, no Hose, Nozzle, or Barrel. Price, \$20.00.

Pomona. No. 1744. Outfit C, with Agitator, 25-ft. ½-in. Special Spray Hose and Mistry Jr. Nozzle (no barrel). Price, \$24.40.

Fruitall. Plain Pump, no Hose, Nozzle, or Barrel. Price, \$11.00.

Fruitall. Outfit C, with Agitator, 25-ft. lead of ½-in. Special Spray Hose and Mistry Jr. Nozzle (no barrel). Price, \$15.40.

Barrels. 50-gal. capacity. Price, \$6.75.

Truck. With 3½-in. tire wheels. Price \$23.75.



Jake
Buckeye Sprayer

Tank 1-gallon capacity, constructed of heavy galvanized sheet-iron, copper riveted, with seamless brass pump which fastens to tank by thread cap and screws to brass tank collar. It is equipped with polished brass lever handle, spring key air-cock which will withstand 50-pound pressure. No washers to get out of order and no leakage. Price, \$3.25 (by Parcel Post, \$3.50).



Spray Nozzles (3/8-in. thread)

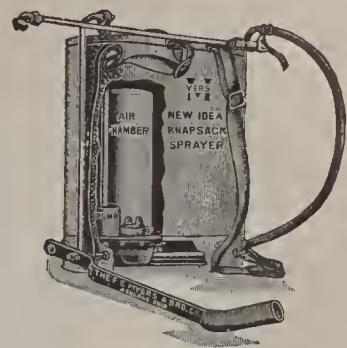
Mistry, Jr. (Fig. 1688). Straight style ... \$0 90

Mistry, Jr. (Fig. 1691). Angle style 90

Fig. 1074½. Y connection for making a double spray-head nozzle 35

Bordeaux (Fig. 1692) 1 20

If Nozzles are wanted for 3/4-in. hose connections, add 60c.



Myers
New Idea
Knapsack
Spray Pump

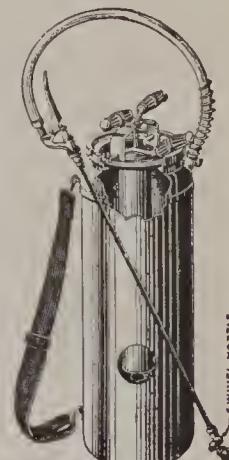
No. 1330.

Galvanized Tank; capacity, 4 gals. 18-in. Brass Extension Rod. Weight, 15 lbs. Price, \$14.00.



Vermorel
Knapsack
Sprayer

A new Knapsack Sprayer which works on the compressed-air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$15.00 (by Parcel Post, \$15.30).



Auto Spray

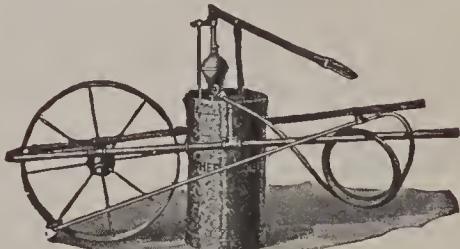
A compressed-air Sprayer with open head and strongly reinforced corrugated tank.

No. 4B. Brass Tank. Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$11.00 (by Parcel Post, \$11.30).

No. 4D. Steel Tank. Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$7.00 (by Parcel Post, \$7.25).

No. 3D. Steel Tank. Capacity, 3 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$6.00 (by Parcel Post, \$6.25).

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, Price, Plain, \$1.40 (by Parcel Post, \$1.50); complete, with Hose, \$2.00 (by Parcel Post, \$2.15).



Wheelabout Sprayer

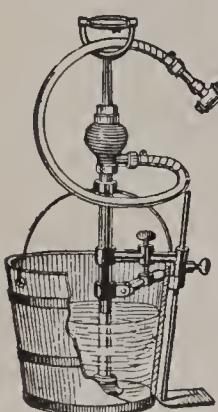
Narrow enough to go through the aisles of a greenhouse, the extreme width being 18 inches. The 24-inch wheel, with a 3-inch tread, makes it easily handled over soft and rough ground. Pump has 1½-inch-diameter cylinder, with adjustable stroke. Equipped with 12-gallon Galvanized Tank, 10-ft. Hose, 4-ft. Extension Pole, Nozzle, and Shut-off Valve. Price, \$33.50.

MICHELL'S SPRAYING AND INSECTICIDE APPARATUS

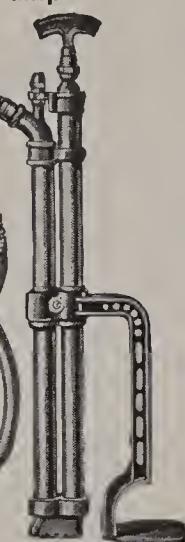
Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

Myers' Bucket Pump

This is a double brass chamber arrangement. Price, \$4.25, including Hose and Nozzle (by Parcel Post, \$4.50).



Perfect Success



Myers' Pump

Bucket Spray Pump

The prices below do not include Bucket, but include Nozzle and 3½-ft. 3/8-in. hose. No. 689. **Perfect Success** (with Bucket Fastener). Price, \$7.75 (by Parcel Post, \$8.00).

Wheelbarrow Sprayer

No. 50. Adapted for spraying vegetable crops, flowers, orchards, etc., also for spraying disinfectants. Steel frame; galvanized Tank; all-brass Pump; all working parts brass. 8-ft. Hose. Price, \$15.50.



Hand Sprayers

Michell's. (Compressed Air.) See cut. Each P.Post
Tin \$0 85 \$1 00
Brass 1 65 1 80



Streamline Blizzard Sprayer

No. 14C. **Solid Copper Tank.** Capacity, 1½ qts. Weight, 2½ lbs. Continuous spray. Price, \$1.75.

Extension Pipes, Etc.

For reaching into trees (3/8-in. threads). Each
Bamboo. Brass lined. 8-ft. \$5 50

***Brass.** For Auto Sprays. 2-ft. 60

Pet Cock. For extension pipes. 90

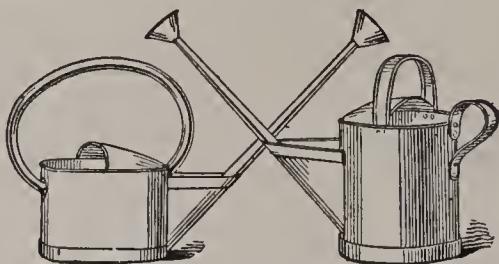
***Paragon Extension.** 2½-ft. 50

*If wanted by Parcel Post, add 10c. for postage



Michell's Watering Cans

Made of light galvanized iron.
4-qt. \$0 85
6-qt. 95
8-qt. 1 10
10-qt. 1 25
12-qt. 1 40
16-qt. 1 75



Watering Cans (Wotherspoon)

Galvanized, extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval
4-qt.	\$4 50	
6-qt.	4 75	\$5 50
8-qt.	5 25	5 75
10-qt.	5 75	6 25
12-qt.	6 25	6 50
16-qt.	7 25	7 75
4-qt. Fern or Low	3 75	

Extra Roses for Wotherspoon Watering Cans, either coarse or fine, 50c. each.



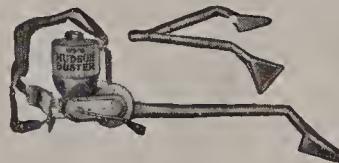
Double-Action Duster

	Each	P.Post
Single-Action Duster	\$11 00	\$11 30
Double-Action Duster	15 00	15 30



Heavy Brass Syringes

No.	Diam.	Length	Price	P.Post
99.	1 1/8 in.	18 in. 1 spray	\$3 25	\$3 45
101.	1 1/4 in.	14 in. 2 sprays	3 75	3 95
101A.	1 1/2 in.	16 in. 2 sprays	4 50	4 70
110.	1 3/4 in.	20 in. 2 sprays	7 75	7 95
120.	1 3/4 in.	20 in. Adjustable	8 50	8 70



Hudson Duster

No. 606. Adapted for small truck farms, gardens, small orchards, and vineyards, as well as cemeteries and other places. Will handle all agricultural dusts. Four-blade, high-speed fan. Equipment includes 2 Nozzles, Y connection, and 4 15-in. Telescoping Tubes. Made of heavy steel and machine-cut gears. Price, \$10.25.

Root Duster. Each \$2 00

	Per Yd.
For covering shrubbery, etc.	
Plain	Green
3 ft. wide, cut pieces	\$0 19 \$0 25
Full pieces, 100 yds.	18 24
4 ft. wide, cut pieces	24 29
Full pieces, 100 yds.	23 28



Brown's Crystal Duster

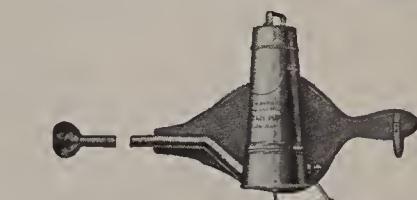
A new type Duster recommended for use in dusting truck crops in the garden, flower-beds, etc. The glass-jar feature enables the operator to see the amount of dust in the container; equipped with a long extension and adjustable nozzle. Capacity, 1 qt. Price, \$1.20.

CYANOGAS FOOT PUMP DUSTER

A high-pressure pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, \$7.25



"Famos" Hand Duster

An ideal machine for those who need a small but efficient Duster. It is of light, compact, sturdy construction, and equipped with 24-in. Extension Pipe. The fan-shaped Spreader can be adjusted to throw dust on the under side of foliage or at any angle desired. Especially adapted for applying sulphur. Capacity, 1 lb. Price, \$6.00.



"Green" Hand Duster

Capacity, 2 to 4 lbs. Powerful bellows. 30-in. Extension with Spreader. Price, \$7.00.

Corning Mulching Wool

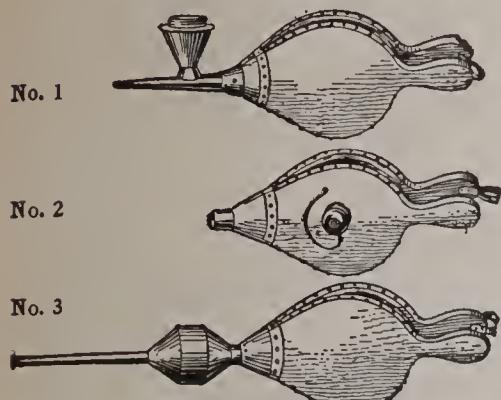
Corning Mulching Wool is a glass wool made from highly refined materials, and is used for mulching perennials, shrubbery and other material that requires winter mulching. \$2.75 per carton containing 100 square feet.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Michell's Thermometers are dependable

MICHELL'S SUNDRIES FOR FLORISTS, ETC.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



	Bellows	Each	P. Post
Small Single-Cone. (No. 1.)	...	\$2 75	\$2 95
Sulphur. (No. 2.)	...	3 75	3 95
Large Double-Cone. (No. 3.)	...	6 00	6 25
Large Single-Cone.	...	4 25	4 45



Vaporizing Lamp

All metal; practical and indestructible. Burns kerosene. Used for dispensing fumes of Nikotene and other preparations of this sort. 70c. each (by Parcel Post, 80c.); 6 for \$3.75 (by Parcel Post, \$4.00); \$7.00 per doz. (by Parcel Post, \$7.25).

Wire Baskets

Complete with hanger

	Each	Doz.	100
8-in.	\$0 25	\$2 75	\$20 00
10-in.	35	4 00	30 00
12-in.	55	6 25	42 00
14-in.	60	6 75	49 00
16-in.	75	8 25	60 00

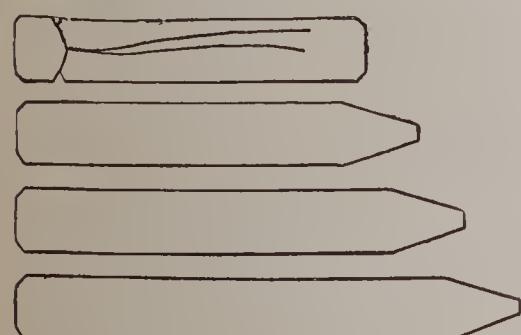
Cemetery Vase

No. 2. **Tin.** Enamored; large. 10c. each; doz. \$1.10; \$12.50 per gross

Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. 10c. each; doz. \$1.00.



	Tree Labels, Etc.	100	1000
Wood, Copper Wired. Plain...	\$0 30	\$2 15	
Wood, Copper Wired. Painted.	40	2 50	
Copper Sheet, Wired			
Doz. 30c... 1 75			
Zinc Sheet, Wired ... Doz. 30c... 1 75			
Indelible Marking Pencils. Each 15c.			

Painted Pot Labels

	No. in pkg.	100	1000
4-in.....	1000	\$0 25	\$2 00
4½-in.....	1000	30	2 15
5-in.....	1000	35	2 30
6-in.....	1000	40	2 60
8-in.....	250	90	6 00
10-in.....	250	1 10	7 50
12-in.....	100	1 20	10 00
18-in., for field use.....			

\$20.00 per 500... 4 50 39 00

The 18-in. Field Labels are not painted.

If Labels are wanted by Parcel Post, add 10c. per 100, or 20c. per 1000 for postage, except on 10-, 12-, or 18-in.

Economy Pot and Tree Labels

A wonderful Label made of almond wood, which will hold the marking for a considerable time, and, owing to the nature of the wood used, it is not necessary to paint them. Very desirable for those who use Labels in large quantities. Extremely well made.

Pot Labels—

	No. in pkg.	1000
4-in.....	1000	\$1 50
5-in.....	1000	1 80
6-in.....	1000	2 00
8-in.....	250	5 00
10-in.....	250	6 00
12-in.....	250	9 00

Tree Label, Copper Wired. 3½-in..... 1 90

Celluloid Pot Labels

Made of white celluloid. Excellent for greenhouse use.

	Doz.	100
No. 21. 4 x 5/8 in.....	\$0 25	\$1 90
No. 22. 5 x 3/4 in.....	35	2 75

Simplex Weatherproof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x 1/2 in.....	\$0 40	\$2 85
No. 2. 4 x 3/4 in.....	75	4 75
No. 3. 5 x 1 in.....	95	6 75

If wanted by Parcel Post, add 10c. per 100, for postage.

Simplex Weatherproof Garden Label

Iron stake, 2 feet long. Each Doz. No. 10. 2 3/4 x 1 1/2 in..... \$0 30 \$3 00



Iron Plant Stands

Enameled green.

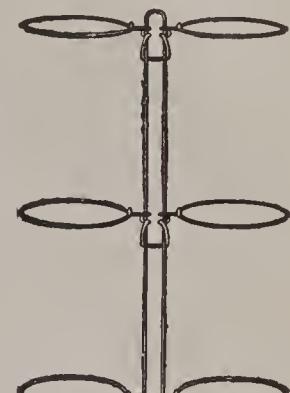
Size of Plates	Each
12 in. 5 x 7 in.....	\$1 50
18 in. 5 x 7 in.....	1 80
24 in. 8 x 10 1/2 in.....	2 60
30 in. 8 x 10 1/2 in.....	2 75
36 in. 8 x 10 1/2 in.....	3 00
42 in. 8 x 10 1/2 in.....	3 25
48 in. 8 x 12 in.....	3 50
60 in. 8 x 12 in.....	3 75
72 in. 8 x 12 in.....	4 25

Extra Plates for Stands

Each	Doz.
5-in.....	\$0 65
7-in.....	80
8-in.....	95
10 1/2-in..... \$1 25	1 50
12-in..... 1 50	

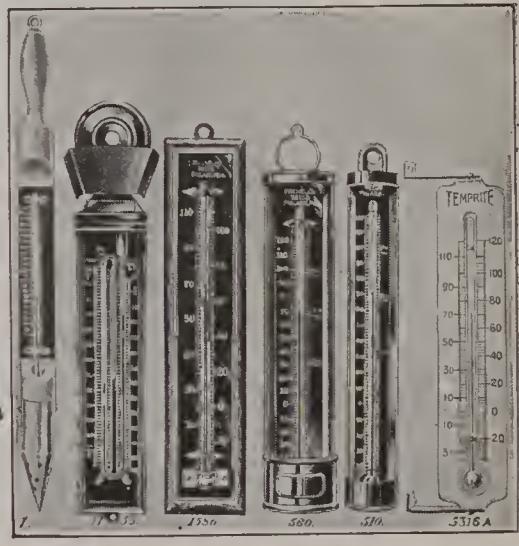
Carnation Supports

The best double Support on the market. Made of Nos. 11 and 14 galvanized wire, 28 in. high. Can be put together in less than a minute; will not fall apart. \$11.50 per 100; per 1000, \$100.00.



Carnation Support

The only Support of the kind on the market and indispensable to the proper growing of this popular plant. Doz. \$2.00; \$15.00 per 100.



Thermometers

No. 1757. Maximum and Minimum. Registers the coldest and the warmest points during the previous night. 10-in., Black Tin Case. Price, \$5.50.

Tested Grade.	Each	Doz.
No. 506. Tin Case. 8-in.....	\$0 65	\$7 00
No. 510. Tin Case. 10-in.....	75	8 00
No. 544. Copper Case.....	1 75	
No. 556. Greenhouse. 8-in.....	1 15	12 00
No. 560. Greenhouse. 10-in.....	1 35	15 00
No. 1507. Wood Back. 8 1/2-in.....	1 50	
No. 5127. Temprite Greenhouse. 8-in. White enamel, red column	1 00	11 25
No. 5316A. Temprite Window or Wall. 8-in. White enamel, red column.....	1 00	11 25

Glass Dairy Thermometer Each
No. 5715. For use also in testing soil.... \$0 45

Mushroom or Hotbed Thermometer
No. 20450. Iron Point. Oxidized finish... 2 75

Recording Thermometer

No. 200. Can be equipped with either a daily or weekly chart, enabling the grower to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. Has a high-grade clock and ink stylus which marks very accurately. When ordering, state if weekly or daily record chart is desired. Price, \$40.00 (f.o.b. factory, \$39.00).

MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued



Electric Thermostats

Furnished complete with the exception of wire, battery, and bell. All brass. Price, f.o.b. Philadelphia.

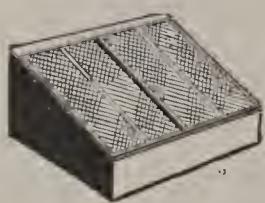
No. GH3. Not waterproof style. Price, \$10.50 (f.o.b. factory, \$10.00).

No. GH4. Waterproof style. Price, \$16.00 (f.o.b. factory, \$15.00).

Flex-O-Glass

A glazed cloth used in place of glass for poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water, and wind. 3 ft. wide.

Yd. Cut pieces \$0.23
Full roll lots (100 yds.) 21



Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and hotbed sashes and for such important new uses as cylinders and cones for individual plants, forcers for row plants, and newly planted seeds. Can be used where ordinary glass cannot, and is much lighter. Sashes are easier to handle. Not affected by hail, snow, rain or wind and cannot break like glass. Flexible, easy to cut and use, highly translucent; lets in the ultraviolet rays of sunshine. The new improved Cel-O-Glass lasts twice as long and saves heavy lifting, breakage, and repair expense.

Per Running ft.

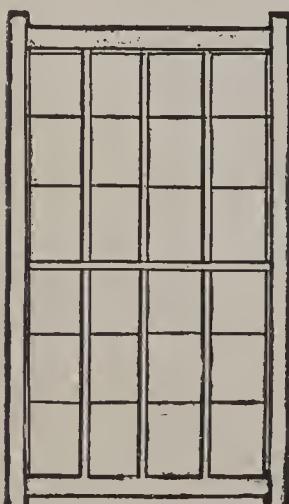
28 in. wide, cut pieces \$0.30
Rolls, 25, 50, 75, or 100 ft. 28
36 in. wide, cut pieces 36
Rolls, 25, 50, 75, or 100 ft. 34

Michell's Wagon Heater

For heating wagons and delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$5.00.

Coal for Wagon Heaters

Price, \$1.15 per 20 briquettes; per 100 bricks, \$8.75.



Hotbed Sash

Philadelphia Style. Made of best-quality cypress. Size, 3 ft., 1 1/2 in. wide, 6 ft. long, 1 3/4 in. thick. Plain, not glazed or painted. Price, \$3.50.

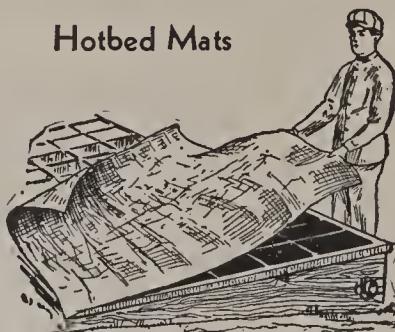
Complete, put-tied, glazed and painted. Price, \$7.00.

Packing Charges on all Glazed Sash, 50c, per Sash additional.

All Glazed Sash are shipped at purchaser's risk.

See our complete line of Flower Baskets, pages 84 to 86

Hotbed Mats



The Burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap, Non-Waterproof.

76 x 76 in., covering two regular size sash.

Price, \$3.75 each; doz. \$44.00.

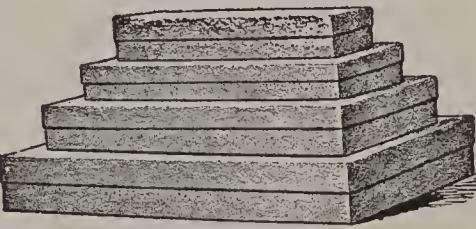
40 x 76 in., for one sash. Price, \$2.25 each;

doz. \$24.50.

Burlap one side, Waterproof Drill one side,

40 x 76 in. Price, \$2.75 each; doz. \$31.50.

76 x 76 in. Price, \$4.50 each; doz. \$49.00.



Cut-Flower Boxes (Corrugated Paper)

Used almost exclusively for carrying and shipping cut-flowers, as they are lighter than wooden ones. Prices include clips for setting up.

	Each	Doz.	100
48 x 14 x 8 in.	\$0.60	\$5.00	\$30.00
42 x 14 x 8 in.	50	4.00	26.00
36 x 14 x 6 in.	45	3.50	20.00
30 x 12 x 6 in.	40	2.75	18.00
24 x 8 x 5 in.	25	1.75	12.00

Double Telescope Box

Made of 175-pound test board, one size only—48 x 14 x 8 in. Can be shipped by express without crating. Price, 75c. each; doz. \$6.50; \$50.00 per 100.

Boxes for Store Use

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila mist, tan, and Oxford gray, can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks.

	Price f.o.b.	Price f.o.b.	Doz.	100
16 x 4 x 3 in.		\$2.80		
*18 x 5 x 3 in.	\$0.60	\$4.00	3	20
20 x 4 x 3 in.		3.20		
21 x 5 x 3 in.		3.60		
21 x 7 x 3 1/2 in.		5.20		
*24 x 5 x 3 1/2 in.	85	6.25	5	00
*24 x 8 x 4 in.	1.10	8.00	6	40
24 x 8 x 5 in.		7.20		
*28 x 8 x 4 in.		7.20		
*28 x 8 x 5 in.	1.60	11.00	8	80
30 x 5 x 4 in.		6.16		
*30 x 10 x 6 in.	2.00	14.70	11	76
*30 x 12 x 7 in.	2.60	19.00	15	20
36 x 6 x 5 in.		9.60		
*36 x 8 x 5 in.	2.00	14.00	11	20
36 x 10 x 6 in.		14.40		
42 x 8 x 5 in.		14.40		

Sizes marked * are carried in stock at Philadelphia; the other sizes are shipped from the factory in New York State in lots of not less than 50 of a size.

Parcel Post Cut-Flower Boxes

For shipping cut-flowers. Made of brown fibre board. (F.o.b. factory only)	100	\$9.00
25 x 5 x 4 in.		12.00
24 x 8 x 5 in.		13.60
28 x 8 x 5 in.	3-in.	24.80
30 x 14 x 8 in.	lid	24.40
36 x 12 x 7 in.	covers	9.60
13 x 9 x 6 in.		23.60
20 x 20 x 8 in.		32.80
24 x 24 x 10 in.		

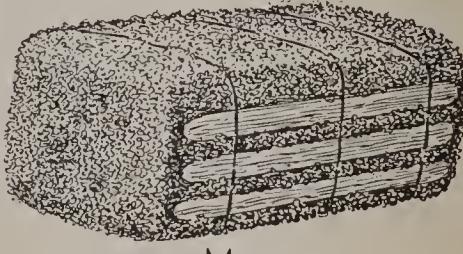
Violet and Corsage Boxes

Price f.o.b.	Price f.o.b.	Price f.o.b.
Philadelphia	factory	100
100	100	100
8 x 5 x 5 in.	\$4.20	\$3.35
9 x 6 x 5 in.	4.50	3.60
12 x 6 x 5 in.	5.50	4.40
13 x 9 x 6 in.	7.70	6.15
15 x 6 x 5 in.	6.25	5.00

Design Boxes

Price f.o.b.	Price f.o.b.	Price f.o.b.
Philadelphia	factory	100
100	100	100
16 x 16 x 8 in.	\$14.00	\$11.20
18 x 18 x 8 in.	15.40	12.30
20 x 20 x 8 in.	17.50	14.00
24 x 24 x 8 in.	23.00	18.40

Special Note. When it is desired to have Boxes printed, please add \$2.00 to prices named, regardless of quantity.



Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Pk. 35c.; \$1.00 per bus.; bbl. \$2.50.

Sphagnum, Dry. Bbl. bag \$1.00.

Sphagnum, Dry. Finest quality. Burlapped bale \$2.50; \$23.50 per 10 bales.

Green Lump. Pk. 40c.; \$1.25 per bus.; bbl. bag \$2.00.

Green Sheet. Bag \$2.25.

Wired Toothpicks

Regular Size	P. Post
1000	\$0.40
10,000	2.75
50,000	11.00
3-in., dyed green.	
Box, 8000	3.50
Case, 40,000	15.50
4-in., dyed green.	
Box, 4500	3.00
Case, 10,000	6.00
6-in., dyed green.	
Box, 3000	2.75
Case, 10,000	8.00

Wired Toothpick Holder

A handy device for holding wired toothpicks. Price, \$2.25 (by Parcel Post, \$2.40).

Spray Bulb

Can be used for spraying either liquid or powder. Spray-head is removable. Price, 50c.

Tape

For tying boxes and packages.

Christmas Red. 1000-yd. spools \$3.25 (by Parcel Post, \$3.40).

Moss Green. 1000-yd. spools \$3.00 (by Parcel Post, \$3.15).

Every window-garden needs one of our Rubber Sprinklers

MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

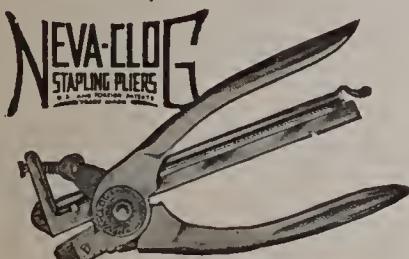
Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Rubber Sprinklers

For sprinkling cut-flowers, seedlings, etc. Spraywell style in either straight or crook neck. Each

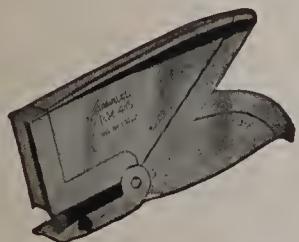
No. 1. Spraywell Style. 6-oz. capacity... \$0 75
No. 2. Spraywell Style. 8-oz. capacity... 90
No. 3. Spraywell Style. 10-oz. capacity... 1 10
No. 1. Scollay. 12-oz. capacity..... 1 25



Neva-Clog Stapling Pliers

Operated in the hand like a pair of scissors. Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.50.

Neva-Clog Staples
Box (1000) 45c.



Markwell Plier Stapler

No. RX46. An ideal device for every office, professional or businessman, florist, store, factory, school and home. Compact and light in weight. Price, \$2.50.

Staples for above. 30c. per 1000; per 5000, \$1.30.

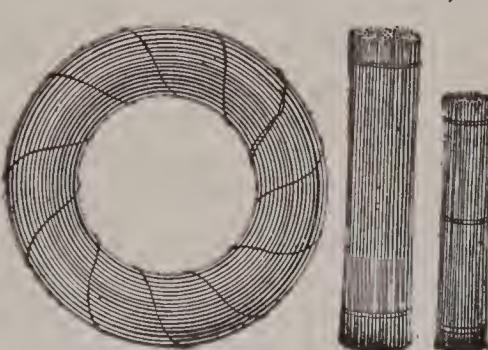
Paper for Wrapping Boxes and Flowers

Lb. 1/2 ream Ream

Manila. For wrapping.
24 x 36 in..... \$0 16 \$2 00 \$3 50
Manila Tissue. 24 x 36 in. 20 1 00 1 50
Wax, White. Best quality.
24 x 36 in..... 30 1 25 2 25
Wax, Green. Best quality.
24 x 36 in..... 35 1 30 2 35
Green Wax. In 3-in. wide rolls, for wrapping frames of designs. Price, per roll 25c.; \$2.50 per doz. rolls.

New Album of Floral Designs

138 designs, all but 4 being 1 design to a page. List of flowers in season. Each design is numbered and a descriptive list inserted in book gives a description and range of price. By Robert Kift. 148 pages, 7 1/2 x 9 1/2. Price, cloth, \$1.00.



Wire, Annealed

Prices subject to change

No. 16. 12-lb. stone.....	\$1 20
No. 18. 12-lb. stone.....	1 25
No. 20. 12-lb. stone.....	1 45
No. 22. 12-lb. stone.....	1 60
No. 24. 12-lb. stone.....	1 80
No. 24. Bright annealed. Spools of about 8 ozs. Price, 20c. each; per doz., \$1.75.	

Galvanized

No. 16. 12-lb. stone.....	\$1 15
No. 18. 12-lb. stone.....	1 30
No. 19. 12-lb. stone.....	1 45
No. 20. 12-lb. stone.....	1 65
No. 22. 12-lb. stone.....	1 85
No. 19. Tinned. Cut to 8 1/2 in. long, 10-lb. box.....	2 00

Cut Bouquet Wire

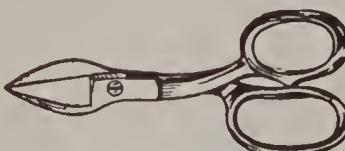
For stemming flowers, etc.

Cut 9, 12, or 18 inches in length. Box			
No. 18. 18 in. only.....	\$0 20	1 lb.	5 lbs. 10 lbs.
No. 19. 18 in. only.....	20	1 50	
No. 20.....	25	1 70	
No. 21. 18 in. only.....	25	1 75	
No. 22.....	25	1 90	
No. 24.....	35	2 35	

Cut Bouquet Wire

Painted Green

Does not rust. Ideal for corsage work. Cut 9, 12, or 18 inches in length. Lb. Box (12 lbs.)			
No. 20.....	\$0 20	2 35	
No. 22.....	35	2 50	
No. 24.....	40	2 90	



Wire Snips

If wanted by Parcel Post, add 10c. each for postage.

No. 369. 7-in.; serrated edge; long blade.	\$1 50
No. 833. 7 1/2-in.; short blade.....	1 25
No. 832. 8-in.; long blade.....	1 50
No. 12. 8-in.; heavy.....	1 40
No. 10. 10-in.; heavy.....	2 15

Carnation Mending Devices

Staples. For calyx mending. 30c. per 1000; per 5000, \$1.45; \$2.70 per 10,000; per 25,000, \$6.50; \$12.50 per 50,000.

Rubber Bands. Oz. 20c.; 75c. per 1/4 lb.; 1b. \$1.75.

Misto Bottle Sprayer

For applying water to cut-flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickelated. Price, with bottle, \$1.25 (by Parcel Post, \$1.35); per 6, \$7.00 (by Parcel Post, \$7.25).



Bauer Carnation Outfits

Pliers and **1000 Clips.** Price, \$3.50.

Pliers. Price, \$2.50.

Clips. Price, \$1.00 per 1000.

Greening or Florists' Hair Pins

Save valuable time in making designs. Price, \$1.90 per 10-lb. box (by Parcel Post, \$2.10).

Tinfoil

If wanted by Parcel Post, please add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.

	Width	Lb.	5 lbs.	10 lbs.
Plain (5-lb. rolls) ..5 in.			\$1 00	
Plain .....5 in.	\$0 21	1 00	\$1 90	
Plain .....6 in.	21	1 00	1 90	
Violet Foil .....6 in.	40	1 75		
Green Foil .....6 in.	40	1 75		

Ask for prices on large quantities of Foil

Tinfoil Holder and **Cutter** for rolls of Tinfoil. Price, 85c. (by Parcel Post, \$1.00).

Savo Flower-Boxes

For windows, porches, sun-parlors, etc.

The Savo Flower- and Plant-Boxes are made of the best grade of galvanized steel, with neat, round corners and a full roll rim. The watering is easy, the drainage ample, and the air-circulation perfect. Green enamel finish inside and out prevents rust or leakage. They will last in constant use many years. Reservoir requires water about every ten days to two weeks.

	Height	Width	Length	Price
Model A	8 in.	9 1/2 in.	23 in.	\$3 25
Model B	8 in.	9 1/2 in.	29 in.	4 00
Model C	8 in.	9 1/2 in.	35 in.	4 50
Model D	8 in.	9 1/2 in.	41 in.	5 00

These are outside measurements, including the 3/4-in. roll rim. Special sizes made to order when required.

The Perfecto Flower-Box

Air-circulating; Self-irrigating

Recognized as the correct idea in construction for growing house and porch plants. The self-irrigating system provided by the inner plate, with the raised connecting troughs, equalizes the water into a perfect distribution to the roots. Constructed of coppered steel, finished in green enamel.

Can also be furnished in ivory color at an additional cost of 25c. each.

Length	Depth	Width	Price
20 in.	6 in.	7 in.	\$1 15
26 in.	6 in.	7 in.	1 40
32 in.	6 in.	7 in.	1 65
38 in.	6 in.	7 in.	2 50
44 in.	6 in.	7 in.	3 00

Pennies spent for Hotkaps mean dollars for earlier crops

MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Hotkaps

Earlier, More Profitable Crops

They are patented wax-paper cones, "individual hothouses for each plant," that completely cover them, and fully protect them from frost, wind, rain, ground-crusting and insects.

Write us about Hotkaps or order your season's supply now.

Prices. 1000 lots, \$10.75; 5000 lots, \$10.50 per 1000; 10,000 lots, \$10.00 per 1000.

250 Trial Pkg., including papier mache Garden Setter with Tamper, \$4.00.

100 Home Garden Pkg., including papier mache Garden Setter with Tamper, \$2.75.

Hotkap Steel Setter with Tamper, \$1.50.

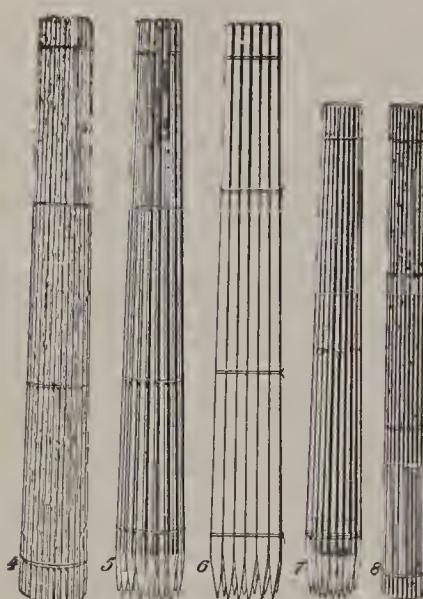
Weights: 1000 pkg. Hotkaps, 26 lbs.; 250 pkg., 9 lbs.; 1000 pkg., 5 lbs.; Steel Hotkap Setter, 3 lbs.

Tar Felt Pads

For protecting plants against maggots. Lay flat on the ground; non-curling. Per 100, 45c.; \$3.00 per 1000.



Tar Felt Pad



Key to above illustration: No. 4, Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Cane, green

Plant Stakes

No. 10 Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.	\$0 20	\$1 25	\$9 50
2½-ft.	25	1 50	11 75
3 -ft.	30	1 75	14 00
3½-ft.	35	2 10	16 25
4 -ft.	40	2 35	18 75
4½-ft.	45	2 70	20 50
5 -ft.	50	3 00	23 25
6 -ft.	60	3 25	27 50

Plant Stakes

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.	Doz.	100	1000
2 -ft.	\$0 25	\$1 50	\$12 50
2½-ft.	30	1 85	15 25
3 -ft.	40	2 35	18 75
3½-ft.	45	2 80	21 50
4 -ft.	55	3 00	24 50
4½-ft.	60	3 25	27 50
5 -ft.	70	3 60	30 25
6 -ft.	80	4 25	36 50

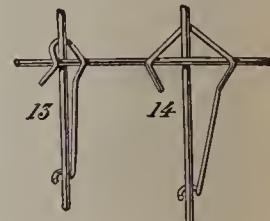
Stake Fasteners

Everlasting Style. Heavy. Price, \$1.50 per 500; per 1000, \$2.50; \$12.00 per 5000. See illustration No. 14.

Eureka Style.

Light. Price, \$2.00 per 1000; per 5000, \$9.50. See illustration No. 13.

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.



Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Price, \$2.00 per 1000 (by Parcel Post, \$2.15); per 5000, \$9.50 (by Parcel Post, \$9.80); \$18.00 per 10,000.



Tie Your Plants with "Twist-Ems"

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines, and arranging flowers.

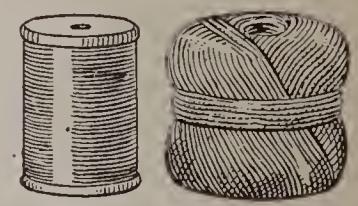


Poles for Tree Pruners

12 ft. long, 1½ in. diam.	Each	\$2 25
14 ft. long, 1½ in. diam.		2 75

Bamboo Poles

Doz.	100	1000
16 ft.	\$2 50	\$14 00
18 ft.	3 00	18 00
20 ft.	3 50	22 50



Sikaline Green Sea Island

Twines, Etc.

If Twine is wanted by Parcel Post, add 10c. per lb. for postage.

White Cayuga Twine. No. 108.

Medium..... \$0 30 \$0 55

White Cayuga Twine. No. 208.

Heavy..... 30 55

Jute.

2-ply and 3-ply. Weight per ball, ½ lb. 5 lbs. \$1.10; \$2.00 per 10 lbs. 15 22

Linen Bouquet.

3 lbs. \$2.40 20 85

Green Sea Island.

.5 lbs. \$3.00 10 65

Special White Cotton.

3-ply... 15 45

Special White Cotton.

4-ply... 15 50

Tarred.

For mat-making..... 30 17

Tarred Sisal.

For fodder.....

Binder.

5-lb. balls, 70c.; \$3.25 per 5 balls; 10 balls \$6.00.

Express.

No. 6. Very heavy.... 25

Jap Twine. No. 4½.

Medium..... 30 55

heavy.....

Green Silkaline.

F, fine; FF, medium; FFF, coarse. Spool 30c.; \$2.00 per lb. (8 spools).

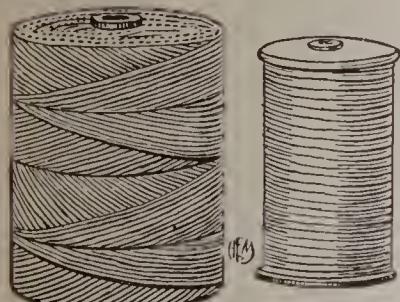
Everbest Twine.

A green linen thread. Spool 20c.; \$1.25 per lb.; 5 lbs. \$5.75; \$11.00 per 10 lbs.

The uses of Peat Moss are almost unlimited

MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Florists' Peerless Twine

For tying up flower-boxes, designs, etc. Very attractive. Color, Nile green. 1-lb. tube 65c.; \$3.10 per 5 lbs.

Raffia

We make a careful selection of long broad strands for our trade.

Natural Color. 1/2lb. 30c. (by Parcel Post, 35c.); 45c. per lb. (by Parcel Post, 55c.); 5 lbs. \$2.00 (by Parcel Post, \$2.15).

Green. 1/2lb. 40c. (by Parcel Post, 45c.); 80c. per lb. (by Parcel Post, 90c.); 5 lbs. \$3.75 (by Parcel Post, \$3.90).

Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about $\frac{1}{8}$ in. wide, and comes 250 yards to a spool. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Spool of 250 yds. 60c. (by Parcel Post, 70c.); \$3.50 per 6 spools (by Parcel Post, \$3.70).

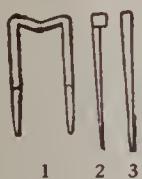
Raffia

Glazing Points

Peerless No. 1 and 2. For single-thick glass.

No. 2 1/2. For double-thick glass.

65c. per 1000 (by Parcel Post, 70c.); 5000 for \$3.10 (by Parcel Post, \$3.30).



No. 1. Peerless.
No. 2. Siebert's.
No. 3. Zinc nails.

Pincers. For driving Peerless Points. 95c. per pair (by Parcel Post, \$1.00).

Seibert's Style Points. Zinc. Three sizes, $\frac{5}{8}$ -, $\frac{3}{4}$ -, and $\frac{7}{8}$ -inch. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. \$1.85 (by Parcel Post, \$2.00); \$3.50 per 10 lbs. (by Parcel Post, \$3.70).

Zinc Nails. $\frac{5}{8}$ -, $\frac{3}{4}$ -, and $\frac{7}{8}$ -inch. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. \$1.85 (by Parcel Post, \$2.00).



Glass Cutters

No. 8. Small Diamond. Ebony handle. \$6 50

No. 8A. Large Diamond. Mahogany handle. 7 00

Single Wheel. Steel. Doz. \$2.50. 25

6-Wheel. Adjustable. 45

Putty Distributor

The best appliance for distributing putty. Price, \$1.50 (by Parcel Post, \$1.60).



Mastica Machine



Putty Distributor

Mastica

Mastica is a prepared putty which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily. Gal. \$2.75; \$13.50 per 5 gals.

Mastica Machine. Price, \$3.50 (by Parcel Post, \$3.60).

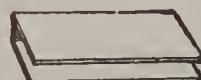
Black Glazing Cement (Masticote)

For waterproofing greenhouse gutters, roofs, etc.; also for making sash-bars water-tight. Gives excellent satisfaction. Apply with a mastica machine. Gal. \$1.35; \$6.50 per 5 gals.; $\frac{1}{2}$ bbl. (35 gals.), \$1.10 per gal.; bbl. (55 gals.), \$1.00 per gal.

Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. \$2.25; \$9.50 per 5 gals.; $\frac{1}{2}$ bbl. (about 30 gals.), \$1.70 per gal.; bbl. (about 50 gals.), \$1.55 per gal.

Peerless Glass Repair Clamp



Will not rust. Saves lights of glass worth from 40 to 50 cents each. Price, \$1.80 per 100 (by Parcel Post, \$1.90).

Greenhouse White Paint

Undoubtedly the best and most economical White Paint on the market today. Gal. \$3.75; \$17.50 per 5 gals.

Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 feet of glass. 5 lbs. \$3.75; \$16.25 per 25 lbs.



Glazit Gun

For applying liquid glazing putty, mastica, etc. Price, \$4.00 (by Parcel Post, \$4.20).

Prices on this page subject to change



Glazing Chisel

Made of fine-quality steel. Price, \$1.30 (by Parcel Post, \$1.45).

Florists' Sundries

Bulb Fibre. Qt. 10c.; 35c. per $\frac{1}{2}$ pk.; pk. 60c.; \$1.00 per $\frac{1}{2}$ bus.; bus. \$1.50.

Bull Dog Clips. For fastening packages, boxes, etc. 65c. per box (1000).

Carnation Dye, Green. Pkg. 50c.

Celery Paper. Rolls, 3 feet wide; 167 lineal ft. \$2.00 per roll.

Celery Tape, Red. 1000-yard spool \$3.25 (by Parcel Post, \$3.40).

Celery Tape, Green. 1000-yard spool \$3.00 (by Parcel Post, \$3.15).

Charcoal, Lump. Pk. 40c.; \$1.00 per bus.; bbl. sack \$1.75.

Charcoal, Ground. Coarse or fine. 5 lbs. 30c.; \$1.00 per 25 lbs.; 100 lbs. \$3.25.

Leaf-Mould (Jersey Peat). Pk. 45c.; \$1.50 per bus.; bbl. \$2.75.

Mouse Seed. For destroying mice. Pkg. 25c.

Pearl Chips. For bulb-bowls, aquariums, etc. White and assorted colors. Pkg. 8c.; 45c. per 6 pkgs.; 12 pkgs. 85c.; \$1.50 per 25 pkgs.; per 100 pkgs., \$5.50.

White. In bulk. 10 lbs. 70c.; \$1.25 per 25 lbs.; per 100 lbs., \$4.50.

Assorted colors. 10 lbs. 85c.; \$1.75 per 25 lbs.; per 100 lbs., \$6.00.

Peat, Orchid. Lb. 40c.; \$1.50 per 5 lbs.; per 10-lb. bag, \$2.75.

Pebbles. Qt. 8c.; 55c. per pk.; bus. \$2.00; \$4.00 per sack.

Pruning Compound or Tree Dressing. Qt. 45c.; \$1.40 per gal.

Sand. For propagating. Pk. 35c.; \$1.25 per bus.; bbl. sack \$2.75.

Shaderine. 5 lbs. \$1.25; \$2.40 per 10 lbs.

Weed Killer, Michell's. Dilute 1 gallon to 40 gallons of water. Qt. 45c.; \$1.25 per gal.; 5 gals. \$6.00; \$27.50 per 30 gals.; 55 gals. \$42.00.

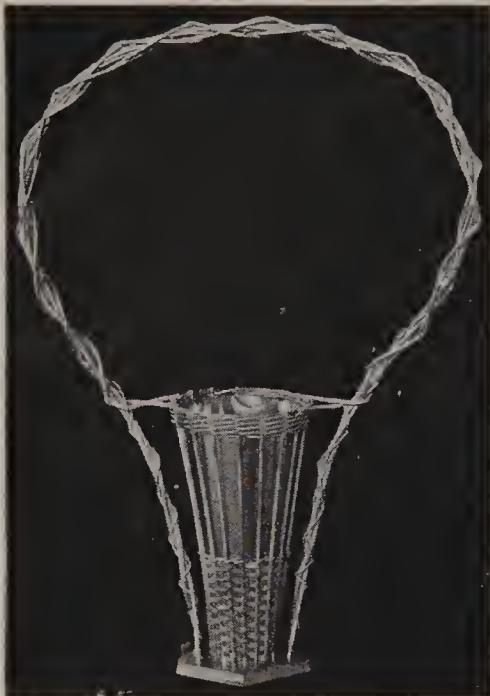


Peat Moss, Torf Mull (Granulated)

A moisture-retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. An excellent material for spreading on the lawn, mulching in the flower and vegetable garden, and especially desirable for the rose-bed; used extensively by leading florists for mixing with potting soil, for propagating benches, also for packing bulbs and plants. Imported. 5-bus. bag \$2.00; \$4.00 per large bale; 10-bale lots, \$3.75 per bale.

Parcel Post charges cover postage and special packing charges

MICHELL'S FLOWER BASKETS, Gold Star Brand



175



302



222



101



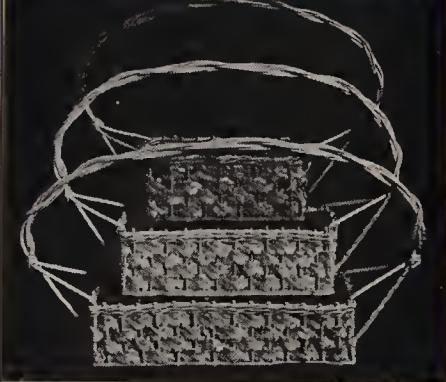
142



252



876/1



742/1

Flower Baskets

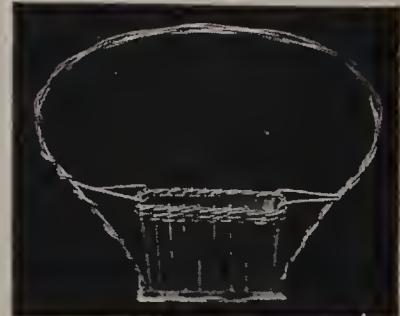
		Doz.
No. 175. 43 in. high; 17 in. deep; Each 8 in. diam.....	\$1 50	\$17 25
No. 302. 26 in. high; 8 in. deep; 7 in. diam.....	75	8 50
No. 222. 28½ in. high; 9½ in. deep; 6 in. diam.....	65	7 50
No. 101. 24 in. high; 7 in. deep; 6 in. diam.....	85	9 50
No. 102. 27 in. high; 9 in. deep; 7 in. diam.....	1 25	13 50
No. 103. 36 in. high; 11 in. deep; 9 in. diam.....	1 70	19 75
No. 104. 40 in. high; 14½ in. deep; 8½ in. diam.....	2 25	24 50
No. 142. 24 in. high; 8½ in. deep; 9 in. long.....	65	7 50
No. 252. 32 in. high; 9½ in. deep; 5½ in. diam.....	75	8 50
No. 1. 18½ in. high; 10 in. long; 5 in. wide; 7 in. deep	75	8 75
No. 876/1. 17 in. high; 12 in. long; 8½ in. wide; 6 in. deep.....	1 00	11 50

Pillow Baskets

		Doz.
No. 742/1. 18 in. high; 14 in. long; Each 5 in. wide; 5 in. deep.....	\$1 10	\$12 00
No. 742/2. 18 in. high; 18 in. long; 6 in. wide; 5 in. deep.....	1 25	14 50
No. 742/3. 18 in. high; 21 in. long; 6 in. wide; 5 in. deep.....	1 50	17 00

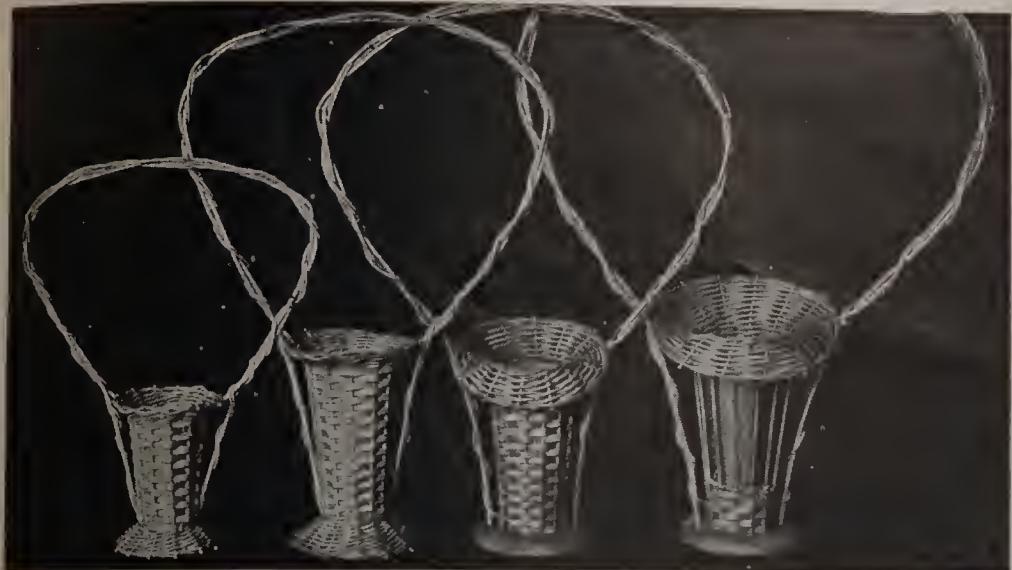
Our Baskets are fitted with water-tight tin liners

PRICES ON THIS PAGE SUBJECT TO CHANGE



1

MICHELL'S FLOWER BASKETS, Gold Star Brand

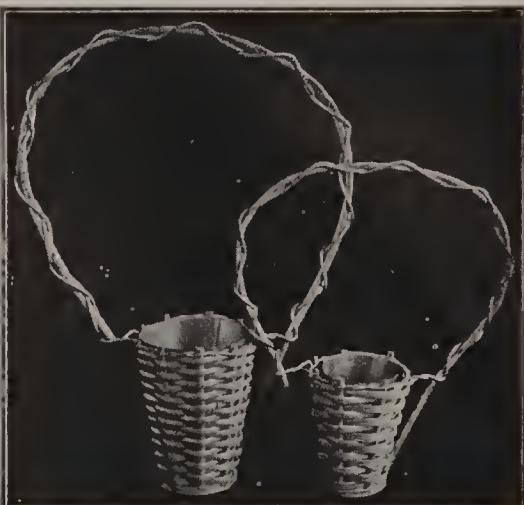


C/1

C/2

248/3

942/4



151/3

151/1



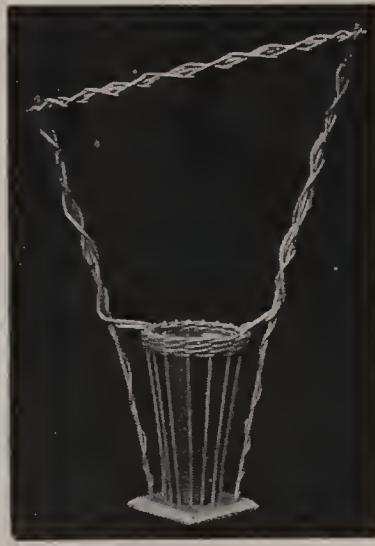
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565



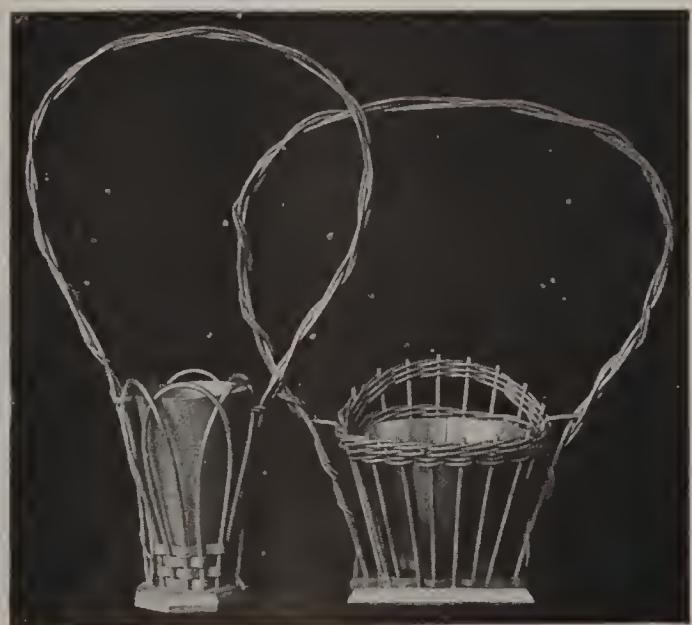
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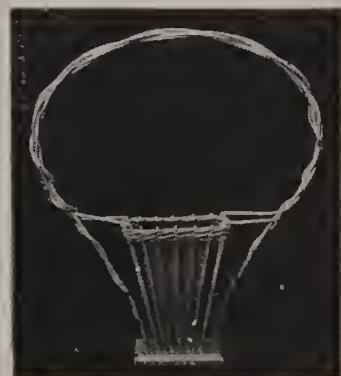


158/1



75/1

300



2

PRICES ON THIS PAGE SUBJECT TO CHANGE

MICHELL'S FLOWER BASKETS, Gold Star Brand

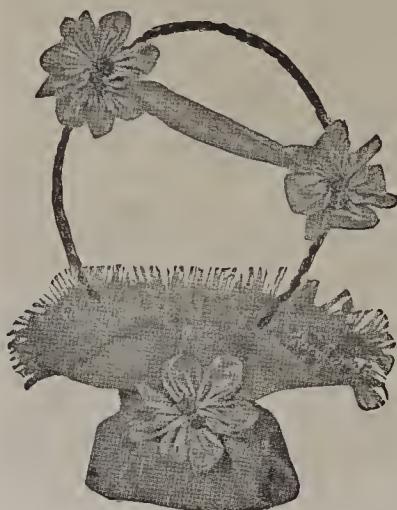


129/4

No. 129/3. 26 in. high; 9 in. deep; Each Doz.
6 in. diam. \$60.00 per 100. \$0 65

No. 129/4. 28 in. high; 10½ in.
deep; 7 in. diam. 75 \$8 50

No. 129/5. 31½ in. high; 12 in.
deep; 7 in. diam. 95 11 00



Hanson Handy Handle
With Saw-Tooth Grip

Fits any size flange. Colors: Lavender,
Pink, Blue, Yellow, Purple, Nile-Green,
Red and Green. Price, double wound in
reed, \$3.00 per doz.; per 100, \$22.00.



101/2

No. 101/1. 19 in. high; 7½ in. Each Doz.	long; 6 in. wide; 8 in. deep....	\$0 65	\$7 50
No. 101/2. 24 in. high; 8½ in. long; 6½ in. wide; 10½ in. deep.	....	80	9 25
No. 101/3. 28 in. high; 11 in. long; 8 in. wide; 12 in. deep.....	....	1 50	12 50

Special De Luxe Assortment No. 1
25 Baskets for \$15.00

This assortment is composed of Cut-Flower Baskets in a variety of colors, some plain and some two-tone. Each Basket complete with liner.

Special Ludlow Assortment No. 2
21 Baskets for \$10.00

This assortment of Baskets will please the florist who wishes a small collection that will meet every need. Every one has a liner that won't leak. A beautiful range of colors.

Special Gold Star Assortment No. 3
15 Baskets for \$7.50

An assortment that contains an excellent combination of Plant and Cut-Flower Baskets. Each is complete with liner, and the assortment of colors is the most that could be desired.



Birch Bark

For use in covering window-boxes and for baskets and decorations. Comes in sheets from 1½ to 2 feet in width, about 10 feet long. Weighs from 2 to 4 pounds to the sheet.

1 lb.	\$0 30	10 lbs.	\$2 25
5 lbs.	1 35	100 lbs.	20 00

Red Cedar Bark

For covering window-boxes, baskets, or any other article. Sq. ft., 12c.; \$2.25 per 25 sq. ft.; bundle, about 50 sq. ft., \$4.00.

Rustic Cedar Slabs

For covering miniature log-cabins, window- and porch-boxes, urns, etc. 4 ft. long, about 3 in. wide, ½ in. thick, half round, one side plain. Price, 4c. per running foot.

Wheat Sheaves

Extra-heavy weight, fluffy stock. Made of selected bleached Italian wheat by expert designers.

	Each	Doz.
No. 1. 15½ in., flat.....	\$0 75	\$7 00
No. 2. 17 in., flat.....	1 25	12 50
No. 3. 19 in., flat.....	1 50	15 00
No. 4. 22 in., flat.....	2 00	20 00
No. 5. 24 in., flat.....	2 50	25 00



Oak-Leaf Sprays

Oak-Leaf Sprays

Natural preserved, long sprays for decorative work. Colors: Red, Brown, and Green. 25 lbs. \$6.00; \$11.00 per 50 lbs.; 100 lbs. \$19.00.



Carton Oak

Small oak twigs, especially adapted for wreath, wreathing, or basket-work. Colors: Red, Brown, and Green. 5 lbs. \$1.50; \$6.50 per 25 lbs.

MICHELL'S FLORISTS' SUPPLIES



Magnolia Wreath

Plain Round Magnolia Wreaths

Made on Mossed Wire

	Each	Doz.
12-in. frame	\$0 65	\$7 50
14-in. frame	85	8 75
16-in. frame	1 00	11 50
18-in. frame	1 25	14 00
20-in. frame	1 50	17 50
22-in. frame	2 15	24 00
24-in. frame	2 75	30 00



Illustration shows the Philly Pin when on leaf. Notice how flat it lies and the firm hold it takes.

New Philly Fern Pin

A distinct achievement of real value to every florist. Easier to push in place. Easier to handle. Easier on the fingers. The bend holds the leaves firmly. No danger of leaves breaking loose as with the old-style pin. The S-shaped top presses securely on the leaf, making it stay where you put it. And they cost no more than ordinary pins. \$2.00 per 10-lb. box; 10 boxes \$19.25.

Greening or Florists' Hairpins

Save valuable time in making designs. Price, \$1.90 per 10-lb. box.



Cycas Leaves

Cycas Leaves, Green

	10	100
4 to 8 in.	\$0 25	\$2 25
8 to 12-in.	30	2 50
12 to 16-in.	35	2 75
16 to 20-in.	40	3 25
20 to 24-in.	50	3 75
24 to 28-in.	60	4 50
28 to 32-in.	70	5 50
32 to 36-in.	85	6 50
36 to 40-in.	90	7 50
40 to 44-in.	1 00	9 00
44 to 48-in.	1 25	10 00

Cycas Leaves, Metallic

8 to 12-in.	45	4 50
12 to 16-in.	55	5 50

Prices for larger quantities of Cycas Leaves on application



Galax Leaves (Prepared)

Galax Leaves, Prepared

	1000	Carton
Green.	\$2 00	\$3 50
Brown.	2 00	3 50

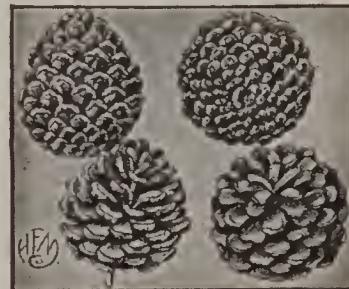
PRICES ON THIS PAGE SUBJECT TO CHANGE



Magnolia Leaves

Dux Brand. Extra-selected grade. We can supply these in green, bronze, or brown and purple, and of extra-fine quality.

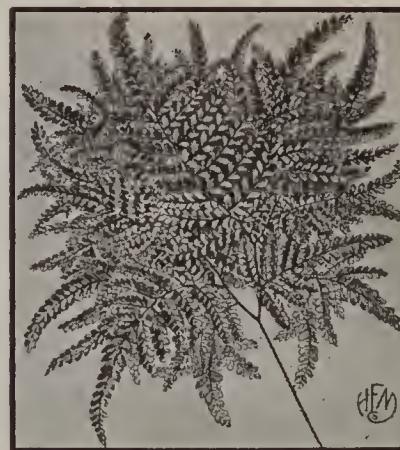
Standard cartons	\$1 50
10 cartons	14 00
50-lb. cases	9 50
100-lb. cases	18 00
Red leaves, per carton	2 00



Pine Cones

Assorted colors, 100 in carton.

Small	\$2 00
Medium	3 00
Large	5 00



Adiantum, or Maidenhair Fern

Adiantum, or Maidenhair Fern

	100
Small	\$4 00
Medium	6 00
Large	7 50

Broken Adiantum. Lb. \$1.75; \$16.50 per 10-lb. carton.

Prepared Asparagus

Natural sprays, chemically treated and preserved.

100	
Small, 15 in. long	\$5 00
Medium, 24 in. long	7 00
Large, 30 to 36 in. long	9 00

Asparagus Tips

Selected quality. Valuable between artificial flowers, bouquets, and wreaths. \$2.25 per lb.

MICHELL'S FLORISTS' SUPPLIES, continued



Cattails 100 1000
Natural \$1 75 \$15 00
Tinted. All colors 2 50

Gypsophila or Baby's Breath

For basket- or wreath-work. Bunch 75c.; \$8.50 per doz. bunches.

Lycopodium

Prepared and Dyed Green

Lb.	\$0 35	25 lbs.	\$5 50
5 lbs.	1 40	100 lbs.	18 50
10 lbs.	2 50		



Ruscus

Green. (Painted.) Lb. 50c.; 10 lbs. at 45c. per lb.; 100 lbs. \$40.00.

Green. (Dyed.) Lb. 85c.; 10 lbs. at 70c. per lb.; 25 lbs. at 65c. per lb.; 100 lbs. \$60.00.

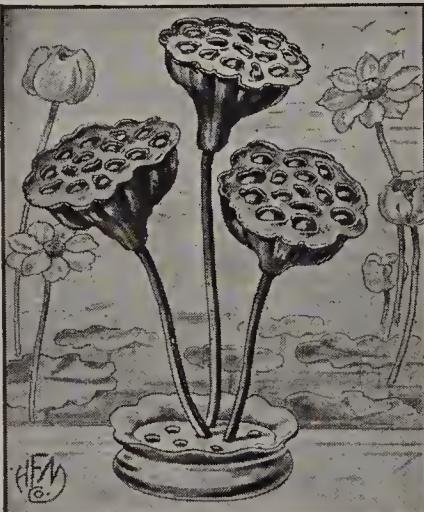
Christmas Red. Lb. 85c.; 10 lbs. at 70c. per lb.; 25 lbs. at 65c. per lb.; 100 lbs. \$60.00.

Two-toned. Lb. \$1.00; 5 lbs. at 90c. per lb.

Gold and Silver. Lb. 85c.; 10 lbs. at 80c. per lb.

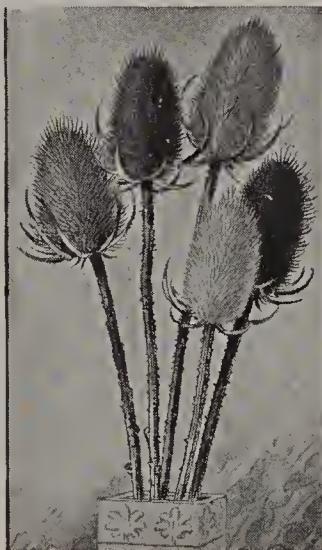


Statice
Natural. Lb. \$1.25; 10 lbs. at 95c. per lb.; 25 lbs. at 90c. per lb.
Colored. Colors: Blue, Green, Pink, Purple, and Lavender. Lb. \$1.50; 5 lbs. at \$1.40 per lb.; 10 lbs. at \$1.25 per lb. Special prices on case lots.



Lotus Pods

Two-toned. Very effective for baskets, vases, or wreaths (without stems, 100 to a carton). \$6.50 per 100.

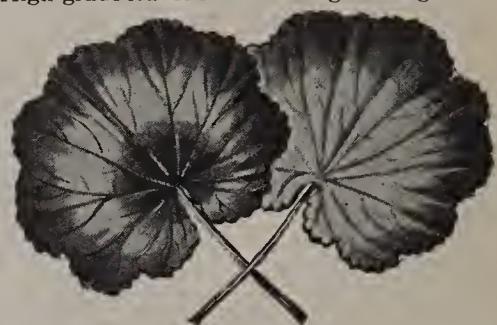


Thistles

Plain, tinted, and polychrome. In cartons containing an assortment of these colors. Carton (100) \$2.25; \$16.00 per 1000.

Artificial Leaves

High-grade leaves for stemming or design work.



Galax Leaves

Brown	.....	\$0 70
Green	.....	70
White	.....	70
Fancy	.....	70



Maple Leaves

Green	.....	\$0 90
White	.....	90
Fancy	.....	90



Rose Leaves

Green. Large size	.....	\$1 40
Green. Small size	.....	90
Shaded. Large size	.....	1 40
Shaded. Small size	.....	90
Rambler	.....	60

Areca Palm Leaves, Prepared

New crop of excellent quality.

	Bundle of 25	100
18 to 24-in.	\$2 25	\$8 00
24 to 30-in.	2 50	9 00
30 to 36-in.	3 00	11 00
36 to 42-in.	3 50	13 00

Cape Flowers, Natural

About 1000 to a pound

Used considerably in funeral work, taking the place of carnations.

Natural. \$1.75 per lb.

Dyed. Colors: Red, Green, Pink, Blue, Purple, Orange, and Mixed. \$2.50 per lb.

MICHELL'S FLORISTS' SUPPLIES, continued

Artificial Flowers

Suitable for wreaths and design work; best quality imported and domestic grades.



Apple Blossoms

No. 300 \$1.75 per gross

Calla Lilies

Celluloid—100 to a box

No. 10. 50c. per doz.; per 100, \$3.50
No. 11. 40c. per doz.; per 100, \$2.50
No. 13A. 50c. per doz.; per 100, \$3.50

Carnations

50 to a box

No. 800. Celluloid. Colors: Pink, White, Yellow and Pink, White and Pink, Red. \$3.50 per 100

Cornflowers (Bachelor's Buttons)

No. 389. Blue. \$1.75 per gross

Dahlias

No. 7. Lavender, Pink, Purple, Red, White, Yellow. \$2.75 per 100; per 1000, \$26.00

Daisies

No. 361. White, Yellow, Coral. \$1.50 per gross

Forget-Me-Nots

No. 4066. Blue. \$1.50 per gross

Lily-of-the-Valley

No. 338. White. \$1.10 per gross

Orchids

No. 750. Celluloid. Medium size. Colors: Pink, Lavender. 100 to a box. \$4.00 per 100
No. 57. Celluloid. Large size. Color: Lavender. 50 to a box. \$5.50 per 100

Poppy

No. 13802. Celluloid. Color: Red. 25c. per doz.; per gross, \$2.25

Roses

50 to a box
No. 23. Celluloid. Colors: Pink and White, Yellow and Pink, White and Pink, Red. \$3.50 per 100

No. 4. Wax. Pink, White, Red, Ward. \$2.50 per 100

No. 5. Wax. Pink, White, Red, Ward. \$3.00 per 100

No. 6. Wax. Red and White, Ward, White and Pink. \$3.00 per 100

Strawflowers (Helichrysum)

On wired stems. \$1.25 per 100; 500 for \$6.00; \$10.50 per 1000.

Sweet Peas

No. 295. Celluloid. Colors: Lavender, White, Pink, White and Pink, Yellow and Pink. \$1.75 per gross

Cape Flowers (Paper)

Blue, Lavender, Pink, Red, and White. 2000 to a box. \$4.75 per 1000.



Jardiers, New Style

Colors: Green and Lavender.

4 in. for pots. \$1.25 per doz.; per 100, \$8.50.
6 in. for pots. \$1.75 per doz.; per 100, \$13.50.



Colonial Vase

This Vase has the oxygen feature, breathing air through the sides, keeping the water pure and flowers fresh longer. Ideal for hospitals, homes, displays. Made in rough, antique design. Colors: Green and Ivory.

No. 1. 9 in. high, Doz. 100
3 in. diam. \$1.75 \$13.50
No. 2. 12 in. high, 4 in. diam. 2.75 22.00
No. 3. 15 in. high, 6 in. diam. 4.75 37.50



Metolit Flower Vases

Furnished in many attractive designs, with body in assorted colors of old rose, baby blue, ivory, green, gold, etc.; inside and bottom finished in old-gold baked enamel.

No. Diam. Depth Doz.
6 4 in. 7 1/2 in. \$1.75
10 6 in. 9 1/4 in. 2.50



Flower Vases
Galvanized Iron

Top Diam.	High In.	Bottom Inside Diam.	Each	Doz.
65	7 1/2	8 6 1/2	\$0.65	\$6.75
66	9	10 7 1/2	70	7.50
67	9	11 1/2 7 1/2	75	7.75
68	9	12 1/2 7 1/2	80	8.25
69	9	18 7 1/2	90	9.75
70	9	24 7 1/2	1.10	11.50
253	5	10 3 3/4	50	4.75
254	5 1/2	11 4 1/2	65	6.25
255	6 1/2	12 5 1/2	70	6.75
257	6 1/2	15 4 1/2	75	7.50

Vacuum Flower Holder

Made of metal, round shape, with square wire-mesh dome. Finished in green bronze, with rubber vacuum cup in bottom, which prevents tilting over when long-stemmed flowers are used. A great seller for the florist.

	Each	Doz.
No. 1. Small size	\$0.30	\$3.00
No. 2. Medium size	40	4.00
No. 3. Large size	50	5.00



Paper Pot-Covers

Made of waterproof crepe paper. Easily adjusted. Colors: Green, Red, Pink, Blue, and Purple.

	100
No. 1. 4-in. pot	\$4.50
No. 2. 5-in. pot	5.00
No. 3. 6-in. pot	5.75
No. 4. 7-in. pot	7.25
No. 5. 8-in. pot	8.50

MICHELL'S FLORISTS' SUPPLIES, continued

Script Letters

Either in Gold or Purple

30c. per 10; per 100, \$2.50; \$20.00 per 1000.

Ten words to each package and not less can be supplied.

Father	Our
Mother	My
Brother	Asleep
Sister	Baby
Husband	Sleeping
Aunt	Cousin
Uncle	Playmate
Comrade	Peace
Nephew	Niece
At Rest	Daughter
Son	Darling

Dear Success

Beloved Family

Classmate Good Luck

Grandmother Grandfather

Sympathy Too Soon

Welcome Friend

Home Wife

Letters for Design Work



No. 1

No. 1. 1 1/4-in. Gold only. 50c. per 100; per 1000, \$3.00. Also numerals at the same price.



No. 6

No. 4

No. 6. Gold only. 40c. per 100; per 1000, \$2.50. No. 4. 3/4-in. Gold only. 40c. per 100; per 1000, \$2.75. Also numerals at the same price.

Michell's Wire Designs

OUR WIRE DESIGNS ARE CAREFULLY AND SUBSTANTIALLY MADE

When ordering please state Number and Size

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold

Anchors (Flat). No. 1

	Each	Each
10-in.....	\$0 25	20-in..... \$0 50
12-in.....	30	22-in..... 55
14-in.....	35	24-in..... 65
16-in.....	40	30-in..... 1 05
18-in.....	45	36-in..... 1 35

Anchors on Base

STANDING ANCHORS No. 3

Measure not including base.

	Each	Each
10-in.....	\$0 40	20-in..... \$1 00
12-in.....	50	22-in..... 1 15
14-in.....	65	24-in..... 1 25
16-in.....	80	30-in..... 1 90
18-in.....	90	36-in..... 3 50

ANCHOR AND CROSS. No. 13

	Each	Each
12-in.....	\$0 25	21-in..... \$0 55
15-in.....	35	24-in..... 65
18-in.....	45	

WE CAN ALSO SUPPLY ALL OTHER STYLES IN WIRE DESIGNS



ANCHOR and CROSS STANDING. No. 14

Measure not including base.

	Each	Each
12-in.....	\$0 50	21-in..... \$0 85
15-in.....	60	24-in..... 1 00
18-in.....	70	

Broken Column. No. 41

	Each	Each
12-in.....	\$0 60	30-in..... \$1 50
15-in.....	65	33-in..... 1 75
18-in.....	75	36-in..... 2 00
21-in.....	90	39-in..... 2 25
24-in.....	1 00	42-in..... 2 50
27-in.....	1 25	

Crescent. No. 58

	Each	Each
8-in.....	\$0 15	18-in..... \$0 40
10-in.....	20	20-in..... 45
12-in.....	25	22-in..... 50
14-in.....	30	24-in..... 55
16-in.....	35	

Crosses (Flat). No. 74

	Each	Each
10-in.....	\$0 14	24-in..... \$0 26
12-in.....	14	26-in..... 28
14-in.....	16	28-in..... 30
16-in.....	18	30-in..... 35
18-in.....	20	32-in..... 40
20-in.....	22	34-in..... 45
22-in.....	24	

Crosses (On Stand). No. 75

	Each	Each
10-in.....	\$0 45	22-in..... \$0 60
12-in.....	47	24-in..... 67
14-in.....	50	26-in..... 80
16-in.....	52	28-in..... 90
18-in.....	55	30-in..... 1 05
20-in.....	57	36-in..... 1 40

Crosses, Flat Slanting. No. 81

	Each	Each
12-in.....	\$0 20	22-in..... \$0 45
14-in.....	25	24-in..... 50
16-in.....	30	26-in..... 60
18-in.....	35	30-in..... 65
20-in.....	40	36-in..... 75

Casket Crosses. No. 71

	Each	Each
12-in.....	\$0 18	24-in..... \$0 45
14-in.....	20	26-in..... 50
16-in.....	25	30-in..... 55
18-in.....	30	34-in..... 70
20-in.....	35	36-in..... 80

Easels. No. 52

	Each	Doz.
18-in.....	\$0 10	\$1 10
21-in.....	15	1 40
24-in.....	20	1 75
27-in.....	25	2 00
30-in.....	30	2 25
36-in.....	35	2 75

	Each	Doz.	100
10-in.....	\$0 10	\$0 85	\$5 00
12-in.....	12	1 10	6 00
14-in.....	15	1 25	7 50
16-in.....	20	1 75	9 00
18-in.....	30	2 25	12 00
20-in.....	35	2 40	13 50
22-in.....	40	3 00	17 00
24-in.....	45	3 25	20 00

	Each	Doz.	100
8-in.....	\$0 35	14-in.....	\$0 60
9-in.....	40	16-in.....	70
10-in.....	45	18-in.....	80
12-in.....	50	20-in.....	90

	Each	Doz.	100
8-in.....	\$0 35	14-in.....	\$0 60
9-in.....	40	16-in.....	70
10-in.....	45	18-in.....	80
12-in.....	50	20-in.....	90

CHIFFONS, RIBBONS, AND POT-TIES



Picot-Edge Shower Ribbon

Picot-Edge Shower Ribbon

Pattern No. 3013

A dainty Shower Ribbon $\frac{1}{2}$ inch wide, with picot edges; delicate yet firm. Colors: White, Pink, Lavender, Blue, Nile, and Ward. Put up in 50-yard bolts. Price, 70c.; 12-bolt lots, 65c. per bolt.

Bo Kay Satin Ribbon

No. 3

This is a very fine-quality Satin Ribbon, $\frac{3}{4}$ inch wide, for bouquet work. It has a fine luster and ties a pretty bow which will hold its shape at all times. Put up in 50-yard pieces. Price, \$1.10; 12-piece lots, \$1.05 per piece.

Satin Corsage Ribbon

Pattern 3207. No. 4

Made in White, Pink, Blue, Yellow, Nile, Ward, Ophelia, Columbia, Lavender, Violet, Orchid, Talisman, Valley Green, Gardenia, Scarlet, and Supreme. This is a very fine quality of Satin Ribbon for corsage work. $\frac{3}{4}$ inch wide. It has a fine lustre and ties a pretty bow which will hold its shape at all times. Put up in 50-yard pieces. Price, \$1.35; 12-piece lots, \$1.30 per piece.

Ribbonzene

Pattern 1746. No. 1

For tying cards, etc. $\frac{1}{4}$ inch wide. Colors: White, Pink, Lavender, Blue, Green, and Red. 500-yard spools. \$1.20.

ROOTONE

PATENTS PENDING

THE PLANT HORMONE POWDER

Just Dust and Plant

Rootone. The plant Hormone powder. Roots cuttings faster and makes more roots. Just dip cuttings in the dry powder and set in the propagating bed. Seeds and bulbs root faster and flower sooner when dusted before planting. 2-oz. jar \$1.00; \$5.00 per 1-lb. can.

PRICES ON THIS PAGE SUBJECT
TO CHANGE

516 and 518 Market St., Philadelphia, Pa.

Satin Ribbon

Pattern Sagamore. No. 120

A really exquisite quality of Satin Ribbon, 5 inches wide. The grade is fine enough to be used for wedding work and the price low enough to permit it on general work. Made in complete color line. Comes in both 20- and 40-yard pieces. Price, 9½c. per yd.; 12-bolt lots, 9c. per yd.

Rayon Taffeta

Pattern 2063

A superior quality fit for the best work. Colors: White, Pink, Lavender, Violet, Purple, Pernet, Nile, Blue, Scarlet, Gray, Premier, Ward, Bermuda, Laurel, Autumn, Hyacinth, Hortenda, and Goldye. Put up in 40-yard pieces. \$2.50 per piece; 12-piece lots, \$2.40 per piece.

Metalline

Pattern Debbie Lou

A new satin-striped Metalline with finely woven center. Very attractive for spray work. Colors: White, Pink, Laurel, Audrey, Premier, Blue, Yellow, Picardy, Bermuda, Nile, Ruby, Deborah, Lavender, Autumn, Cosmos, Orchid, Hortensia, Hyacinth, Scarlet, Purple. Comes in 40-yard pieces. Price, \$1.25; 12-piece lots, \$1.15 per piece.

Metalline

Pattern 2090. Width 150

Here is an unusually high-grade pattern finished with a very attractive border and can be used on the finest grade of work. It is furnished in all the popular colors and you can see from the attractive prices below that it is an exceptional value which we recommend most highly. Full width, 40-yd. bolt, \$1.10; 12-bolt lots, \$1.00 per bolt.

Metalline

Pattern 2081. Width 150

Very latest in Metalline Ribbons, 5 inches wide, with 2-inch rayon stripe running through the center. Can be used in the most exclusive kind of work and is manufactured in the following colors: White, Pink, Blue, Yellow, Nile, Lavender, Violet, Purple, Ward, Gray, Moss, and Premier. It is a real bargain at the following price. 40-yd. piece, \$1.65; 12-piece lots, \$1.60 per piece.



VITAMIN B-1
For Your Garden

THOMPSON'S

PURE CRYSTALLINE
POWDER PRODUCES AMAZING
REINVIGORATED ROOT GROWTH!

... Cattleya blooms twice normal size... 5-inch tea rose buds... Cottage tulips with 30-inch stems... Hyacinths with flower heads over 12 inches long... Snapdragons, 6½ feet tall... Birds of Paradise with 16 huge flowers... Daffodils bigger than a salad plate on a 42-inch stalk thicker than a man's thumb... Roses transplanted while flowering... Annuals, perennials and shrubs transplanted without soil on roots... Root-rot stopped in valuable trees...

100 mgm;
1/10 gram

1.00

Makes 2000 gallons of solution; enough for a season in the average garden.



Pot-Ties

Plantine

We present here a very high-quality silk ribbon which we think will prove very popular for basket plants or even for corsage work. This ribbon is $\frac{5}{8}$ inch wide and can be supplied in the following colors: White, Pink, Premier, Corn, Ophelia, Token, Blue, Talisman, Violet, Lavender, Nile, Scarlet, Times, Aqua, Fuchsia and Moss. Price, 50-yd. bolt \$1.00; 12-bolt lots, 95c. per bolt.

Tie-It (Pot-Tie)

No. 5

We consider this new pattern one of the best ribbons on the market for tying Chip mats on pots. At the attractive price at which it is offered it presents to all florists an unusual value, and we can recommend it very highly. $\frac{3}{4}$ inch wide. It comes in all popular colors. Price, 50-yd. piece, 55c.; \$6.00 per 12 pieces.

Pattern 3196. Messaline No. 5

The finest quality pure Silk Fibre Ribbon. $\frac{3}{4}$ inch wide. Can be used effectively for hours on baskets or plants. Colors: Red, Moss Green, Lavender, Pink, Purple, White, Yellow, and Blue. Put up in 50-yard bolts. Price, 75c.; 12-piece lots, 70c. per bolt.

See pages 84 to 86 for Flower Baskets



Tie-It (Pot-Tie)

HORMODIN

(The Root-Forming Chemical)

Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, 50c.; \$1.00 per 60-unit size; 240-unit size, \$2.50; \$4.50 per 480-unit size; 960-unit size, \$8.50.

Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

Agri-Pax. A contact insecticide which controls rose-bugs as well as soft-bodied insects. Can be used on currants, asparagus, lettuce, celery, etc. Qt. \$1.00; \$3.50 per gal.; 5 gals. \$15.00.

ANTROL. Complete control system of combating ants. Sets containing 4 containers and one 4-oz. bottle of syrup, 75c.; Antrol, extra containers, 10c. each. Antrol Syrup, 4-oz. bottle, 35c.; 85c. per pt. Antrol ready filled sets, consisting of 4 containers, 40c.

Antrol Ant and Roach Powder. An improved, fast-killing powder for the extermination of ants and roaches. Pkg. of 1 3/4 oz. in shaker twist-top can, 15c.; 35c. per 4 1/2 ozs.; 5 lbs. \$4.50.

Antrol Traps. Kills both grease- and sweet-eating ants. 10c. each.

Aphine. For destroying aphids, green fly, thrips, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter. 1/2pt. 40c.; 65c. per pt.; qt. \$1.00; \$3.00 per gal.

Aphis Punk. Used for fumigating. (For use in greenhouses only.) For controlling green and black fly and many other forms of insects. Pkg. of 12 sheets, 85c.; \$8.50 per case of 12 pkgs.

Arsenate of Calcium. Used for spraying potatoes, cotton, tobacco, etc., against chewing and leaf-eating insects. One pound makes 40 to 50 gallons. Lb. 35c.; 80c. per 4-lb. bag; 24 lbs. \$3.75.

Arsenate of Lead, Powdered. One to 1 1/2 pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green. 35c. per lb.; 5 lbs. \$1.30; \$4.50 per 24 lbs.; 96 lbs. \$15.50.

Black-Leaf 40. Full directions on each package. 1-oz. bottle 35c.; \$1.00 per 5 ozs.; lb. \$2.25; \$3.25 per 2 lbs.; 5 lbs. \$5.85; \$10.60 per 10 lbs.; 50-lb. drum \$40.00.

Bordeaux Mixture, Powder. A 12 per cent copper mixture for spraying purposes. 35c. per lb.; 4 lbs. 90c.; \$8.50 per 48 lbs.; 96 lbs. \$16.00.

Carbolineum. A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Gal. \$1.90; \$7.75 per 5 gals.

CATTLE FLY SPRAY. Repels horn and stable flies; kills flies by contact. Will not stain or mat hair. Induces quiet and comfort, so important in milk-production. Has clean odor. Only a light spray required. Gal. \$1.25; \$6.00 per 5 gals.

Ceresan (DuBay). 2 per cent. For treating the seed of small grains, such as barley, oats, other cereals, narcissus and cotton. Two to 3 ounces are required for one bushel of seed. Lb. 70c.; \$3.00 per 5 lbs.; 25 lbs. \$13.25; \$50.00 per 100 lbs.

Ceresan, New Improved (DuBay). For wheat. Lb. 75c.; \$3.25 per 5 lbs. 25 lbs. \$14.00.

Copper Solution. Excellent spray for carnation and snapdragon rust and disease of the grape, pear, apple and other fruits; also for leaf-blight and mildew. It is diluted in water. Qt. \$1.25; \$4.50 per gal.; 5 gals. \$19.00.

Cuprocide (Red Copper Oxide). An excellent material for the treatment of seeds before sowing, to prevent the fungous disease known as damping-off. 4 ozs. 35c.; 90c. per lb.; 5 lbs. \$4.00; \$10.00 per 24 lbs.; 250 lbs. \$96.25.

Cyanegg. For generating hydrocyanic acid gas. Claimed to be the best remedy for killing the white fly. Do not use on sweet peas, as it destroys them. Lb. 50c.; \$2.25 per 5 lbs.

CYANOGAS (Calcium Cyanide). **G. Fumigant.** A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$3.00; \$10.00 per 25 lbs.; 100 lbs. \$25.00.

CYANOGAS (Calcium Cyanide). **A. Dust.** For killing rats, moles, woodchucks and other rodents. 1/4lb. 45c.; 75c. per lb.; 5 lbs. \$3.00.

DERRISOL. For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. 1-oz. bottle 35c.; \$1.20 per 1/2lb. bottle; 1-lb. can \$2.10; \$3.00 per 2-lb. can; 10-lb. can \$12.00.

Dutox. A non-arsenical control for beetles and leaf-eating insects. Lb. 35c.; \$1.40 per 6 lbs.

Filmfast. A superior Spreader which should be added to all spray mixtures except oil sprays. Spreads the spray material evenly over the surface, giving a better protection with the use of less material. In addition, it carries spray material better suspended in water, making easier operation of pumps and nozzles. Filmfast should be added at the rate of 3 pounds to each 100 gallons of spray solution. It contains no lime, so it can be used with Arsenate of Lead alone without danger of injury. 2 lbs. 45c.; \$4.00 per 25 lbs.; 100 lbs. \$13.50.

Fish-Oil Soap. An excellent summer spray, when something stronger cannot be used, where the San José Scale exists. It is nice for washing lemon trees, oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c.; \$1.25 per 5 lbs.; 10 lbs. \$2.25; \$3.75 per 25 lbs.; 50 lbs. \$6.25; \$10.00 per 100 lbs.

Fish-Oil Soap, Good's Caustic. This comes in a soft soap form and is easily dissolved. One pound to 10 gallons water. Lb. 30c.; \$1.25 per 5 lbs.; 10 lbs. \$2.25; \$3.75 per 25 lbs.; 50 lbs. \$6.25; \$10.00 per 100 lbs.

Fish-Oil Soap (Rosin). Especially recommended for the destruction of boxwood maggot, bagworm, and caterpillars. 5 lbs. \$1.50; \$2.75 per 10 lbs.; 25 lbs. \$4.50; \$7.50 per 50 lbs.

Formacide. A stabilized formaldehyde dust, triple-strength seed- and soil-disinfectant, used as a control of damping-off. 1/2lb. 40c.; 65c. per lb.; 5 lbs. \$1.75; \$5.00 per 25 lbs.; 50 lbs. \$8.00; \$15.00 per 100 lbs.

Fume Tobac. For burning. A high-nicotine-content tobacco dust for greenhouse fumigation. 25 lbs. \$4.50; \$8.00 per 50 lbs.; 100 lbs. \$15.00, f.o.b. Philadelphia. 25 lbs. \$4.25; \$7.50 per 50 lbs.; 100 lbs. \$14.00, f.o.b. factory.

FUNGTOGEN. A highly concentrated form of fungicide that will conquer mildew and control black-spot on roses. Dilute 1 part with 60 parts water. 1/2pt. 70c.; \$1.15 per pt.; qt. \$1.80; \$3.25 per 1/2gal.; gal. \$5.50.

Grape and Rose Dust. A powder preparation used for mildew, aphid, black fly, and other insects, also for fungous diseases, principally in greenhouses. Lb. 30c.; \$1.00 per 5 lbs.; 25 lbs. \$4.75; \$17.00 per 100 lbs.

Hellebore. An ideal material for destroying rose-bugs, currant worms and other soft-shelled insects that infest the garden. 1/2lb. 25c.; 45c. per lb.; 5 lbs. \$2.00.

INSECTROGEN. A complete spray for leaf-chewing insects, including caterpillars, rose-slug worms and Japanese beetles; also for black-spot, mildew and red spider. 4 ozs. 55c.; 90c. per 1/2pt.; pt. \$1.60; \$2.50 per qt.; 1/2gal. \$4.25; \$7.00 per gal.

JAPROTE. Japanese-beetle-repellent and stomach poison based on Rotenone and related organic compounds. Designed for use on flowers, vegetables, and shrubs where an arsenical deposit might be objectionable. Eight ounces of Japrote will make 10 gallons of finished spray. 1/2lb. 50c.; \$1.70 per 2 lbs.; 5 lbs. \$4.00.

Japtox. Kills and repels Japanese beetles. A real protection to foliage against the feeding of these pests. Lb. 45c.; \$2.75 per 8 lbs.; 25 lbs. \$6.00; \$16.00 per 100 lbs.

Kerosene Emulsion, Liquid. **Miscible Oil.** Makes an excellent spray for all mild forms of scale and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt. 40c.; 70c. per qt.; gal. \$1.60; \$5.00 per 5 gals.

K. R. O. Kills rats only. Not a poison; not injurious to humans, live stock, dogs, cats or poultry. 2-oz. can 75c.

Lemon-Oil Insecticide. Effectually destroys mealy bug, scale, thrips and red spider. 1/2pt. 30c.; 45c. per pt.; qt. 75c.; \$1.30 per 1/2gal.; gal. \$2.35; \$9.50 per 5-gal. keg.

Lethane 440. A complete all-round spray, effective against practically all sucking insects and their eggs. 2 ozs. 35c.; \$1.00 per 6 ozs.; qt. \$2.75; \$7.00 per gal.

Lime-Sulphur, Liquid. For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of peaches. Qt. 40c.; 95c. per gal.; 5 gals. \$3.75; \$9.50 per 1/2bbl. (30 gals.); bbl. (50 gals.) \$13.00.

Lime-Sulphur, Dry Powder Form. Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 35c.; \$1.60 per 5 lbs.; 25 lbs. \$4.25; \$14.00 per 100 lbs.

Loro. A new contact insecticide for use on flowers, vegetables, shrubs, trees, and other ornamentals. Effective on aphids (plant-lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly, white fly, and leaf-hopper. Pt. \$2.00; \$10.50 per gal.; 5 gals. \$45.00.

MAGIKIL JELLY. New and very effective Ant Control; also used to eliminate roaches, rats, and mice. 1-oz. tubes 35c.

Multicide. An efficient pyrethrum-base insecticide made exclusively for commercial growers. Ideal for use on flowers, fruits, and vegetables. Qt. \$2.60; \$9.90 per gal.; 5 gals. \$44.50; \$86.00 per 10 gals.

Naphtha Flakes. For cleaning the soil. Will control thrips, sow-bugs, and other earth vermin. Lb. 15c.; 10 lbs. \$1.40; \$3.25 per 25 lbs.; 50 lbs. \$6.00; \$11.00 per 100 lbs.

Naptoside. A fumigant insecticide that kills thrips, millepedes, sow-bugs, etc., in greenhouse; also gladiolus thrips outdoors. Lb. 30c.; \$1.15 per 5 lbs.; 25 lbs. \$3.75; \$6.85 per 50 lbs.; 100 lbs. \$12.50; \$57.00 per 500 lbs.

Nico-Fume, Liquid. A modern insecticide for vaporizing and spraying. \$2.25 per lb.; 4 lbs. \$5.75; \$10.00 per 8 lbs.; 40 lbs. \$40.00.

Nico-Fume Paper. For fumigating greenhouses, conservatories, etc. Box of 24 sheets \$1.30; \$4.50 for 144 sheets; 288 sheets \$8.00.

Nico-Fume Fumigating Powder. A 12 1/2 per cent nicotine fumigator for greenhouse use. Complete with directions in each can. 1-lb. tin \$1.00; \$3.35 per 5-lb. size; 10-lb. size \$5.85.

Nico-Fume Pressure Fumigator Holders. For hand-directed fumigation with the Pressure Fumigator. 85c. each.

Nico-Fume Powder Pressure Fumigator. Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. 1/2lb. size 45c. each; 6 for \$2.40; case lots of 1 doz. \$4.20. Lb. size 75c. each; 6 for \$3.75; case lots of 1 doz. \$7.00.

Nikoteen. 30 per cent solution. One of the very best forms of tobacco- or nicotine preparations. 1-oz. bottle 25c.; \$2.50 per doz.; 2-oz. bottle 40c.; \$1.10 per 1/2-lb. bottle; 1-lb. bottle \$2.00; \$5.50 per 4-lb. bottle; 8-lb. bottle \$10.50.

Nikoteen. 40 per cent solution. 4 lbs. \$6.00; \$11.50 per 8 lbs.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

Nicotine Pyrox. An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. 17.6 ozs. 50c.; \$1.75 per 5 lbs.

Para-Dichlorobenzene. For peach-tree borers. Full directions on each package. 1-lb. can 45c.; \$2.10 per 5-lb. can; 10-lb. can \$3.50; \$8.00 per 25-lb. keg; 100-lb. keg \$23.00.

Paris Green. A poisonous powder for potato-bugs, worms, caterpillars, slugs, etc. 1/4lb. 20c.; 55c. per lb.; 5 lbs. \$2.50; \$5.75 per 14 lbs.

Pomo-Green or Massey Dust. A leaf-green dust for protecting roses and other flowering plants against insects and fungous diseases. Lb. 40c.; \$1.65 per 5 lbs.

Pomo-Green with Nicotine. A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Lb. 65c.; \$2.75 per 5 lbs.

Pyrethrum Powder. Valuable as a poison for plant-lice, water-bugs, roaches, etc., also the strawberry moth. Lb. 75c.; \$3.50 per 5 lbs.; 10 lbs. \$6.50.

Pyrote. A safe insecticide for killing both chewing and sucking insects; especially recommended to florists. 1-oz. bottle 35c.; \$1.00 per 6 ozs.; pt. \$2.00; \$10.50 per gal.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects, blights and fungous troubles. 25 lbs. \$4.75; \$7.25 per 50 lbs.; 100 lbs. \$12.50; \$30.00 per 300 lbs.

Rat Paste (Zelio). The most efficient poison for destroying rats, mice and other rodents. 2-oz. tube 50c.

RED ARROW INSECT SPRAY (Pyrethrum Soap). A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 30c.; 90c. per 1/4pt.; pt. \$2.75; \$3.60 per qt.; gal. \$10.70; case, 6 gals., \$10.35 per gal.

REVIVO. Controls the Japanese beetle grub by destroying the grub in the soil; also prevents the growth of crab grass; stunts the growth of chickweed, plantain and dandelion. Ten pounds will cover a space of 250 square feet. 2 lbs. 30c.; \$1.00 per 10 lbs.; 25 lbs. \$1.75; \$5.00 per 100 lbs.; 500 lbs. \$23.50.

Rotecide. A safe insect spray for the control of mealy bugs, white flies, midges, aphids, etc. Not injurious to tender plants and flowers. Qt. \$3.00; \$8.00 per gal.

ROTELONE DUST. A dust containing 75 per cent of Rotenone. Controls asparagus, bean, and cucumber beetles, leaf hoppers, red spider, thrips, cabbage worms and other leaf-chewing and sucking insects. Lb. 30c.; 90c. per 5 lbs.; 25 lbs. \$4.25; \$16.00 per 100 lbs.

SCALECIDE. Used for the destruction of the San José Scale. Spray when the trees are dormant. Qt. 65c.; \$1.55 per gal.; 5 gals. \$5.50; \$9.00 per 10 gals.; 30 gals. \$20.00; \$28.00 per 50 gals.

Scale Oil. An efficient oil spray for controlling scale insects, aphids, thrips, red spider, etc. Qt. 65c.; \$1.50 per gal.; 5 gals. \$5.50; \$15.50 per 30 gals.; 50 gals. \$24.00.

SELOCIDE. A powerful new killing agent that gives positive control of red spiders in one application; also kills the eggs and does not harm tender plants. Dilute 1 part to 49 parts of water. Gal. \$3.00; \$13.50 per 5 gals.

Semesan (DuBay). A mercuric disinfectant for the control of many seed, plant, and soil diseases. 1/2oz. 10c.; 35c. per 2 ozs.; lb. \$2.25; \$10.00 per 5 lbs.; 25 lbs. \$46.00; \$175.00 per 100 lbs.

Semesan Special (DuBay). A grass disinfectant for brown-patch. 5 lbs. \$7.00; \$32.50 per 25 lbs.; 100 lbs. \$125.00.

SLUG SHOT, Dust. For currant worms, rose-slugs, cabbage worms and almost any soft-shelled insects. 1-lb. carton 20c.; 85c. per 5 lbs.; \$2.85 per 25 lbs.; 125-lb. barrel \$11.25; full barrel lots (250 lbs.) \$21.50.

Slug Shot, Liquid. We offer this to those who desire to use it as a spray. Oz. 30c.; 90c. per 6 ozs.; 16 ozs. \$2.10; \$3.75 per qt.; gal. \$11.00; \$50.00 per 5 gals.

SNAROL. For the control of cutworms, snails, slugs, etc. Non-injurious to vegetation and very economical to use. 1 1/2 lbs. 35c.; 85c. per 4 lbs.; 15 lbs. \$3.00; \$8.00 per 50 lbs.

Soap (C.P.Q.). For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle 20c.; 60c. per pt.; qt. 95c.; \$2.40 per gal.; 5 gals. \$9.00.

Spreader, Grasselli. This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It has certain well-defined agents in the fact it is compatible with natural hard water, weak acids, and alkalies. It is a liquid and mixes readily with cold water. The principal sticking agent in Grasselli Spreader is a plastic substance that does not harden, crack, or peel when dry. Pt. 75c.; \$4.75 per gal.; 5 gals. \$22.00; \$195.00 per 50 gals.

Sulrote (Rotenone Sulphur Dust). A dust for flower garden and greenhouse; controls gladiolus thrips and many other insects. Lb. 35c.; \$1.15 per 5 lbs.; 25 lbs. \$4.00; \$15.00 per 100 lbs.

Sulphate of Copper. For destroying fungous diseases of all kinds; also used in making Bordeaux mixture and for spraying potato vines in connection with Paris Green. Lb. 15c.; 70c. per 5 lbs.; 10 lbs. \$1.25; \$2.75 per 25 lbs.; 100 lbs. \$9.50.

SULPHATE OF ALUMINUM. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of Aluminum Sulphate with 6 1/2 pounds of Hydrated Lime will make 33 gallons of diluted spray. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$3.50 per 100 lbs.

Sulphur. Lb. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; \$2.00 per 25 lbs.; 100 lbs. \$7.00; barrel lots (about 200 lbs.) 6 1/2c. per lb.

ANSUL COLLOIDAL SULPHUR. Used in the control of such trouble as black-spot and mildew on fruits and vegetables, scale on fruit trees and red spider on evergreens and other plants. Stays in suspension. 1/2-lb. tubes \$1.00 each.

Sulphur Candles. For fumigating in sick rooms, also in conservatories and greenhouses. Each 15c.; \$1.50 per doz.

SULPHUR, WETTABLE. Dritomic. A new and greatly improved summer fungicide containing 95 per cent Sulphur of 325-mesh fineness. It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf-spot, mildew, rust, etc. Lb. 15c.; 25c. per 2 lbs.; 5 lbs. 50c.; \$4.50 per 50 lbs.

SULROTE. Contains 0.80 per cent Rotenone. Combination Rotenone and Sulfur Dust for control of flower and vegetable garden insects and fungous diseases. Smooth, free flowing, easily applied. Special ingredient aids adherence to the leaf. For gladiolus thrips, rose chafers, Mexican bean beetles, flea beetles, cabbage worms; also mildew and black-spot on roses, and for carnation Alternaria. Lb. 35c.; \$1.15 per 5 lbs.; 25 lbs. \$4.00; \$15.00 per 100 lbs.

SUNOCO SPRAY OIL. For the control of scale insects, red spider, aphis, thrips, etc.; cheap, effective and pleasant to handle. Gal. \$1.30; \$5.25 per 5 gals.; 15 gals. \$9.50; \$14.50 per 30 gals.; 55 gals. \$22.00.

Thrip Juice, Hammond's No. 2. This preparation is very effective against aphis, red spider, mealy bugs and sucking insects generally. Pt. 70c.; \$1.10 per qt.; gal. \$3.50.

Tobacco Dust, for dusting. 1-lb. canister, 20c.; 35c. per 5 lbs.; 10 lbs. 60c.; 90c. per 25 lbs.; 100 lbs. \$3.00; \$14.00 per 500 lbs.; 1/2ton \$24.50; \$47.50 per ton.

Tobacco Dust, for fumigating. 5 lbs. 40c.; \$1.15 per 25 lbs.; 50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. \$18.00.

Tobacco Stems (Fresh). 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 75c.; large bales at 1 3/4c. per lb.; 1/2ton \$12.50; \$22.50 per ton.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 6 ozs. 35c.; 65c. per lb.; 5 lbs. \$3.15; \$6.10 per 10 lbs.; 25 lbs. \$12.75.

Tri-ogen. A combined spray; complete protection against plant insects and diseases. Small kit (makes 16 qts.) \$1.40; \$3.75 for medium kit (makes 64 qts.); large kit (makes 32 gals.) \$5.50.

VITAMIN B1 (Thiamine Hydrochloride). An astounding new discovery in the field of "growth substances" for plant-life. Vitamin B1 stimulates root-growth; thus its benefits are reflected in its ability to restore sick and straggly plants to health, to produce larger blooms, and to prevent root-shock in transplanting. We offer this powder in vials containing enough to make 500 gallons of solution. Vial \$1.00.

VOLCK (Garden). A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrips, etc.; also acts as a repellent. 3 1/2 ozs. 35c.; \$1.00 per pt.; qt. \$1.50; \$4.00 per gal.

Volck (Nursery). A mineral-oil spray for use on growing plants in greenhouse and garden. It is not to be confused with "Garden Volck," which contains soap and nicotine. 1/2pt. 35c.; 75c. per qt.; gal. \$2.00; \$6.25 per 5 gals.; 14 gals. \$14.00; \$25.00 per 28 gals.

Volck (Greenhouse). A special Volck for use on tender plants or in the greenhouse. Very effective against mealy bug. Qt. 75c.; \$2.00 per gal.; 5 gals. \$7.50; \$25.00 per 28 gals.

WILSON'S O. K. PLANT SPRAY. A powerful, efficient insecticide for aphis, red spider, mildew, scale, etc. \$1.00 per qt.; gal. \$3.00; \$12.00 per 5 gals.; 10 gals. \$22.00; \$57.00 per 30 gals.; 50 gals. \$90.00.

Worm Destroyer. For earthworms. A powder to be distributed over a given surface and soaked with water. 100-lb. bag \$5.50; \$19.00 per 500 lbs.; 1/2ton \$36.00; \$70.00 per ton.

X. L. All Insecticide Compound. An English preparation for spraying. Harmless to very delicate plants. Kills mealy bug, red spider and many other insect pests. Gal. \$8.50.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Michell's High-Grade Fertilizers

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied

ADCO. A bacterial food for making artificial manure, by mixing it with leaves, grass-cuttings, green weeds or, in fact, all the many wastes that accumulate during the garden year, and applying water. The product is a clean manure. 25 lbs. (sufficient to make $\frac{1}{2}$ ton manure) \$1.90; \$10.00 per 150 lbs. (sufficient to make 3 tons manure); 600 lbs. \$40.00; \$138.00 per 2100 lbs.

All-Crop Fertilizer. For all vegetable crops, grain, grass, etc. 100 lbs. \$3.00; \$5.00 per 200 lbs.; $\frac{1}{2}$ ton \$21.50; \$42.00 per ton.

Ashes, Canada Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. 85c.; \$1.50 per 50 lbs.; 100 lbs. \$2.75; \$4.25 per 200-lb. bbl.; $\frac{1}{2}$ ton \$19.00; \$36.00 per ton.

Asparagus Fertilizer. A mixture that promotes the root- and top-growth. Apply 800 pounds per acre. 100 lbs. \$3.00; \$5.00 per 200 lbs.; $\frac{1}{2}$ ton \$21.50; \$42.00 per ton.

Blood, Dried. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 65c.; \$1.10 per 10 lbs.; 25 lbs. \$1.75; \$3.25 per 50 lbs.; 100 lbs. \$5.50; \$23.00 per 500 lbs.

Blood, Bone and Potash. A very high-grade fertilizer for the flower and vegetable garden. 100 lbs. \$3.50; \$31.00 per $\frac{1}{2}$ ton; ton \$60.00.

Blood Flour. Similar to dried blood, except that it is finer and acts almost instantly. 5 lbs. 75c.; \$1.25 per 10 lbs.; 25 lbs. \$2.00; \$3.50 per 50 lbs.; 100 lbs. \$6.00; \$25.00 per 500 lbs.

Bone. Coarse ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purposes. 100 lbs. \$4.50; \$37.50 per $\frac{1}{2}$ ton; ton \$73.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$4.00; \$33.50 per $\frac{1}{2}$ ton; ton \$65.00.

BONEMEAL. Michell's Special Florist's Brand. Apply 800 to 1000 pounds per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose-beds and greenhouse use. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.25; \$6.00 per 200 lbs.; $\frac{1}{2}$ ton \$26.00; \$50.00 per ton.

Bovung. A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; excellent for potted and field-grown plants as well as upon lawns. 25 lbs. 85c.; \$1.35 per 50 lbs.; 100 lbs. \$2.50; \$11.50 per 500 lbs.; $\frac{1}{2}$ ton \$22.00; \$40.00 per ton.

CLAY'S FERTILIZER. A reliable English fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs. \$3.50; \$6.50 for 56 lbs.; 112 lbs. \$12.00.

Cottonseed Meal. Apply 800 pounds per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$31.00 per $\frac{1}{2}$ ton; ton \$60.00.

Cow or Cattle Manure, Pulverized or Shredded. Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$25.00 per $\frac{1}{2}$ ton; ton \$47.00, f.o.b. Philadelphia.

Cow or Cattle Manure. 100 lbs. \$2.75; \$10.00 per 500 lbs.; 1000 lbs. \$19.00; \$35.00 per ton, f.o.b. Chicago.

ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. 5 lbs. 60c.; \$2.50 per 25 lbs.; 50 lbs. \$4.00; \$6.75 per 100 lbs.

Ferogen. A spring and summer ground-dressing. Reinforces any manure fertilizers you may use. Lb. 65c.; \$1.15 per 2 lbs.; 5 lbs. \$2.50; \$4.70 per 10 lbs.; 25 lbs. \$10.00; \$37.00 per 100 lbs.

Floranid. A highly concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. A half-pound is sufficient to treat 100 square feet of ground. Full directions on each package. Lb. 25c.; 90c. per 5 lbs.; 10 lbs. \$1.45; \$2.65 per 25 lbs.; 100-lb. bag \$9.00.

Horn Shavings. Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in chrysanthemum growing. 5 lbs. 80c.; \$1.35 per 10 lbs.; 25 lbs. \$2.25; \$3.75 per 50 lbs.; 100 lbs. \$6.50; \$31.00 per 500 lbs.

Horse Manure. See Manure.

Hortobacco, Michell's. Gives immediate and continuous fertilization; destroys insects; makes bigger blooms and longer stems when used for flowering plants; valuable also for the vegetable garden. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$23.50 per $\frac{1}{2}$ ton; ton \$45.00, f.o.b. Philadelphia (\$40.00 per ton, f.o.b. Jersey City).

Hyper-Humus. An excellent article to incorporate with poor soil in the garden or greenhouse; especially desirable for mixing with potting soil. 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 65c.; \$1.00 per 50 lbs.; 100 lbs. \$1.75; \$8.00 per 500 lbs.; $\frac{1}{2}$ ton \$13.00; \$22.50 per ton. Carload lots in bulk, \$9.00 per ton, f.o.b. factory.

Kainit (Potash Salts). Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn, and other grains. 5 lbs. 30c.; 55c. per 10 lbs.; 25 lbs. 85c.; \$2.25 per 100 lbs.; $\frac{1}{2}$ ton \$16.50; \$32.00 per ton.

Land Plaster. Apply about 1500 to 2000 pounds per acre. For top-dressing sour and worn-out soils, also for mixing with Paris Green. 25 lbs. 75c.; \$1.00 per 50 lbs.; 100 lbs. \$1.75; \$15.00 per $\frac{1}{2}$ ton; ton \$27.50.

LAWN DRESSING, MICHELL'S. This is a complete balanced fertilizer for fairways and putting greens and is highly desirable, for it avoids putting on fertilizers some parts of which are suitable only for grass-growing purposes. This fertilizer is complete in every way and will produce wonderful results. Apply at the rate of 1000 pounds per acre. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$4.00; \$33.50 per $\frac{1}{2}$ ton; ton \$65.00.

LAWN SAND (Climax). For destroying weeds in the lawn without injury to the grass; also a valuable fertilizer. For best results follow the directions on package. 3½-lb. tin 70c.; \$1.35 per 7 lbs.; 14 lbs. \$2.45; \$4.25 per 28 lbs.; 56 lbs. \$7.00; \$13.00 per 112 lbs.

LEGUME-AID. Moist composition base. A pure culture of nitrogen-fixing bacteria for inoculating all leguminous crops, such as beans, peas, clovers, etc. When ordering, be sure to state what crops you wish to inoculate. Special garden size, for Garden Peas, Beans, and Sweet Peas, 10c. For Alfalfa and all Clovers, ½-bus. size 30c.; 50c. per 1-bus. size; 2½-bus. size \$1.00. For Soy Beans, Vetches, Cow-peas, Garden Peas, and Beans, ½-bus. size 20c.; 30c. per 1-bus. size; 2-bus. size 50c.; \$1.00 per 5-bus. size; 10-bus. size \$1.60; \$2.40 per 20-bus. size.

We can also supply Agar (Jelly) Base at same prices. When ordering, always state what kind of seed you wish to inoculate.

Lime, Hydrated or Powdered. For mixing with earth or other purposes where a soil-sweetener is needed. 10-lb. box 25c.; 75c. per 50 lbs.; 100 lbs. \$1.25; \$6.00 per 500 lbs.; $\frac{1}{2}$ ton \$10.00; \$17.50 per ton.

Limestone, Pulverized. For applying to sour and worn-out soils at the rate of 1 ton per acre. 100-lb. bag 90c.; \$4.25 per 500 lbs.; $\frac{1}{2}$ ton \$8.25; \$16.00 per ton.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

MILORGANITE (6-3-0). A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flower-beds, trees, etc. 100 lbs. \$3.00.

Mum Manure (Smith's). A perfect food for Mums and other flowers, either under glass or in the garden. Used both as a top-dressing and as liquid manure. 50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. or over, at \$3.50 per 100 lbs.

Muriate of Potash. Apply 100 to 150 pounds per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, and other grains. Analysis equal to 50 per cent actual potash. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.50 per 200 lbs.; $\frac{1}{2}$ ton \$29.00; \$55.00 per ton.

Nitrate of Soda. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$31.00 per $\frac{1}{2}$ ton; ton \$60.00.

If small quantities of fertilizers where listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the First and Second Zones; for other Zones, please add additional postage. Larger quantities by Express or Freight.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Michell's High-Grade Fertilizers

If small quantities of fertilizers where listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the First and Second Zones; for other Zones, please add additional postage. Larger quantities by Express or Freight.

Nitrophoska. A well-balanced, quick-acting food for every purpose in the garden, on lawns, flowers, shrubs, vegetables, etc. Analysis: Nitrogen, 15 per cent; Phosphoric Acid, 30 per cent; Potash, 15 per cent. Lb. 25c.; 90c. per 5 lbs.; 10 lbs. \$1.45; \$2.70 per 25 lbs.; 100 lbs. \$6.00.

Peat Moss, Torf Mull (Imported, Granulated). See page 83 for prices.

PHILOGAN. A natural manure for all crops. Organic material, manufactured by scientific process; no waste, all available, absolutely safe. The ideal food for carnations, roses, sweet peas, etc. 100 lbs. \$1.75; \$13.50 per 1/2 ton; ton \$25.00.

Phosphate, Ammoniated. For all vegetable crops, grains, grass, etc. Apply 800 to 1000 pounds per acre broadcast. 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$5.00 per 200 lbs.; 1/2 ton \$21.50; \$42.00 per ton.

Phosphate, Super or Acid (16 per cent). Apply 1000 pounds per acre. 10 lbs. 40c.; 75c. per 25 lbs.; 100 lbs. \$1.85; \$3.25 per 200 lbs.; 1/2 ton \$12.50; \$22.50 per ton.

Phosphate, Super (20 per cent). Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$2.00; \$3.50 per 200 lbs.; 1/2 ton \$13.50; \$25.00 per ton.

PLANTABBS. An odorless plant-food in tablet form, for all plants in the house or garden. They dissolve in water almost instantly and make a wonderful liquid fertilizer. Pkg. of 30 tablets, 25c., \$2.00 per doz.; pkg. of 75 tablets, 50c., \$4.00 per doz.; pkg. of 200 tablets, \$1.00, \$8.00 per doz.; can of 1000 tablets, \$3.50, \$37.80 per doz. cans.

Potato Fertilizer (Michell's). Apply 800 to 1000 pounds per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$5.00 per 200 lbs.; 1/2 ton \$23.50; \$45.00 per ton.

Rootone. The plant Hormone powder. Roots cuttings faster and makes more roots. Just dip cuttings in the dry powder and set in the propagating bed. Seeds and bulbs root faster and flower sooner when dusted before planting. 2-oz. jar, \$1.00; \$5.00 per 1-lb. can.

Salt. For agricultural purposes, asparagus beds, and putting on walks and roads to kill weeds. Apply 800 pounds per acre. 100 lbs. \$2.00; \$3.50 per 200 lbs.; 1/2 ton \$14.00; \$24.00 per ton.

SHEEP MANURE, Wizard Brand. F.o.b. Philadelphia. Apply 1000 pounds per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure. It is clean and easily handled, besides giving immediate results. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$25.00 per 1/2 ton; ton \$47.00.

Sheep Manure, Wizard Brand. F.o.b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs. \$2.75; \$10.00 per 500 lbs.; 1/2 ton \$19.00; \$35.00 per ton.

Soot, Imported Scotch. This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 50c.; 85c. per 10 lbs.; 25 lbs. \$1.50; \$4.50 per 100 lbs.; 500 lbs. \$20.00.

Steriloam. Makes every good seed grow. Steriloam assures 100 per cent germination of fertile seeds. There is no longer any reason for failures because in Steriloam all seed enemies are eliminated. 10 lbs. \$1.25; \$2.00 per 25 lbs.; 50 lbs. \$3.50; \$6.00 per 100 lbs.

WIZARD BRAND SHEEP MANURE

Pulverized. Every weed seed killed—made easy to handle by an extensive process of drying, sterilizing, screening and grinding. Bone dry, convenient, the equivalent of a whole wagonload of crude manure in a bag. Not only has an excellent plant-food analysis, but what is more important, supplies humus, that wonderful soil-conditioner.

For the Florist. Wizard gives you pure manure, sterilized, safe and free from weed seeds, easy to use on the benches for mixing with bench or potting soil and liquid feeding.

Lawns. Wizard produces a thick, velvety green lawn of lasting beauty. Make an application of it and you will be surprised at the new beauty it will develop.

Prices, f.o.b. Philadelphia, 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$25.00 per 1/2 ton; ton \$47.00.

Prices, f.o.b. Chicago, 100 lbs. \$2.75; \$10.00 per 500 lbs.; 1/2 ton \$19.00; \$35.00 per ton.

Stim-U-Plant. A plant-food in tablet form, containing highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Pkg. of 30 tablets 25c.; 75c. per pkg. of 100 tablets; 1000 tablets \$3.50.

Sulphate of Aluminum. Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 45c. per 5 lbs.; 10 lbs. 75c.; \$1.35 per 25 lbs.; 100 lbs. \$3.50; \$25.50 per 1/2 ton; ton \$50.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: Equal to 25 per cent of ammonia. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.75 per 200 lbs.; 1/2 ton \$31.00; \$60.00 per ton.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis: Equal to 50 per cent of actual potash. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$3.75; \$7.25 per 200 lbs.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 10 lbs. 75c.; \$1.35 per 25 lbs.; 50 lbs. \$2.00; \$3.50 per 100 lbs.; 1/2 ton \$29.00; \$55.00 per ton.

Terogen. A new autumn and winter ground-dressing, acting both as a fertilizer and an insecticide. Lb. 65c.; \$1.15 per 2 lbs.; 5 lbs. \$2.50; \$4.50 per 10 lbs.; 25 lbs. \$10.00; \$20.00 per 50 lbs.; 100 lbs. \$37.50.

Tobacco Stems. For fumigating, mulching, and fertilizing. 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 75c. Bale lots at 1 3/4c. per lb.; 1/2 ton \$12.50; \$22.50 per ton.

TREE FOOD, MICHELL'S. A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements to promote vigorous growth. 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$4.00; \$33.50 per 1/2 ton; ton \$65.00.

VEGET-AID. Complete plant-food; analysis 5-10-4, with granular tobacco carrier. This economical, clean fertilizer will give long-lasting, balanced nourishment to your lawn, flowers, shrubs, trees, and vegetables. Easy to use. No unpleasant odor. There is no waste in Veget-Aid. 1-lb. pkg. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; \$1.50 per 25 lbs.; 100 lbs. \$4.00.

VIGORO. A specially prepared plant-food for lawns, vegetable gardens, flower gardens, shrubbery, trees, etc. 5 lbs. 45c.; 85c. per 10 lbs.; 25 lbs. \$1.50; \$2.50 per 50 lbs.; 100 lbs. \$4.00.

Vita-Vim. The non-acid tonic food, especially suited to the exacting requirements of under-glass feeding. Excellent for mixing in potting soil for poinsettias, hydrangeas, cyclamen, cinerarias, begonias, and geraniums and for bench soil of roses, carnations, chrysanthemums and snapdragons. Lb. 35c.; 75c. per 5 lbs.; 25 lbs. \$1.75; \$3.00 per 50 lbs.; 100 lbs. \$5.50.

WONDER WORKER FERTILIZER. An extremely high-grade, animal base fertilizer, adapted for growing all vegetable crops. Will not burn, and not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 6 per cent; Phosphoric Acid, 8 per cent; Potash, 5 per cent. 100 lbs. \$3.50; \$31.00 per 1/2 ton; ton \$60.00.

Wood Ashes. See Ashes at top of opposite page.

SMITH'S MUM MANURE

For the florist who wishes to make money by growing
MUMS, CARNATIONS and ROSES

This food is in a class by itself for producing blooms of unusual quality and color. It is compounded so as to grow longer, stiffer stems and impart the correct color to foliage. It can be used as a top-dressing or liquid.

The results obtained from Smith's Mum Manure are superior to results from imported manures. No matter what you grow, you need this manure, if you want highest prices for your crop.

50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. or over
at \$3.50 per 100 lbs.

PRICES ON THIS PAGE SUBJECT TO CHANGE

INDEX TO CONTENTS OF MICHELL'S 1940 WHOLESALE CATALOG

SEEDS	Page	MISCELLANEOUS	Page	Page
Bird Seeds	49	Heaters	80	Page
Clovers	50	Hedge Shears	74	72, 73
Corn, Field	50	Hedge Trimmer	74	93
Farm Seeds	50	Hellebore	92	73
Flower Seeds	3-34	Hoes	70, 73	93
Grass Seeds	51, 52	Hornodin	64, 91	93
Herb Seeds	42	Horn Shavings	94	93
Mushroom Spawn	42	Hortobacco	94	93
Vegetable Seeds	35-49	Hose	76	72
BULBS, PLANTS AND ROOTS				
Abutilon	61	Hose Bands	76	93
Acalypha	61	Hose Clamps	76	93
Agathea	61	Hose Connections	76	93
Ageratum	61	Hose Couplings	76	93
Alternanthera	61	Hose Menders	76	93
Amaryllis	59	Hose Nozzles	76	93
Araucaria	61	Hose Reducers	76	93
Artichoke	49	Hose Washers	76	93
Asparagus	36, 49, 61	Hotbed Mats	80	93
Asplenium Nidus Avis	61	Hotbed Sash	80	93
Asters	66	Hotkaps	82	93
Azaleas	61	Hydrant Attachments	76	93
Begonias	59, 61	Hyper-Humus	94	93
Beloperone	61	Insecticides	92, 93	53, 93
Bougainvillea	61	Insectogen	92	93
Bouvardia	61	Japrote	92	93
Browallia	61	Japtox	92	93
Brussels Sprouts	49	Jardics	89	93
Buddleia	65	Kainit	94	93
Cabbage	49	Kerosene Emulsion	92	93
Caladiums	59	Knives	75	93
Callas	59	K.R.O.	92	93
Cannas	53	Labels	79	93
Carnations	61	Ladders	70	93
Celery	49	Land Plaster	94	93
Chinese Evergreen	61	Lawn Dressing and Fertilizer	94	93
Chives	49	Lawn Mower Oil	71	93
Chrysanthemums	65, 66	Lawn Mowers	71	93
Coleus	62	Lawn Sand	94	93
Crassula	62	Lawn Trimmers	71	93
Crotons	62	Leaf-Mould	83	93
Cyclamen	62	Legume-Aid	94	93
Dahlias	53-55	Lemon-Oil	92	93
Dieffenbachia	62	Lethane	92	93
Dracaena	62	Letters	90	93
Eggplant	49	Lime	94	93
Euphorbia	62	Limestone	94	93
Ferns	62, 67	Lime-Sulphur	92	93
Fuchsia	62	Liquid Manure Distributor	76	93
Gardenia	62	Lopping Shears	74, 75	93
Garlic	42	Loro	92	93
Geranium	62	Lotus Pods	88	93
Gerbera	62	Lycopodium	88	93
Gladiolus	56, 57	Magikil Jelly	92	93
Gloxinias	60	Magnesium Arsenate	92	93
Heliotrope	62	Magnolia Leaves	87	93
Horseradish	42, 49	Magnolia Wreaths	87	93
Hyacinthus	60	Marking Pencils	79	93
Hydrangea	63	Mastica	83	93
Iris	68	Mastica Machine	83	93
Ismene	60	Mats	89	93
Ivy	63	Metalline	91	93
Kalanchoe	63	Moss	80	93
Lantana	63	Mouse Seed	83	93
Lavender	49	Multicide	92	93
Lilies	58	Mum Manure	94, 95	93
Lily-of-the-Valley	58	Muriate of Potash	94	93
Lobelia	63	Nails, Zinc	83	93
Marigold	63	Naphtha Flakes	92	93
Mint	49	Naptoside	92	93
Montbretias	60	Nico-Fume	92	93
Oxalis	60	Nico-Fume Powder Pressure Fumigator	92	93
Palms	63	Nicotine Pyrox	93	93
Pandanus	64	Nikoteen	92	93
Parsley	49	Nitrate of Soda	94	93
Pelargonium	64	Nitrophoska	95	93
Peonies	68	Nozzles	76, 77	93
Peperomia	64	Oak Leaf Sprays	86	93
Pepper	49	Paper	81	93
Pennennial Plants	65-69	Para-Dichlorobenzene	93	93
Petunia	64	Paris Green	93	93
Philodendron	64	Pearl Chips	83	93
Phlox	69	Peat	83	93
Plants for Miniature Gardens	64	Peat Moss	83, 95	93
Poinsettias	64	Pebbles	83	93
Pothos	64	Philogan	95	93
Rhubarb Roots	47, 49	Phosphate	95	93
Rosemary	49	Pine Cones	87	93
Sage	49	Plantabbs	95	93
Saintpaulia	64	Plant Stands	79	93
Sansevieria	64	Plant Tubs	3d Cov.	93
Stevia	64	Pliers	81	93
Sweet Potato	49	Plow Line Cotton	73	93
Tarragon	49	Plows	70	93
Thyme	49	Poles	82	93
Tigridias	60	Pomo-Green	93	93
Tomato	49	Potato Fertilizer	95	93
Tuberoses	60	Pot-Covers	89	93
Vegetable Plants and Roots	49	Pot Hangers	3d Cov.	93
Verbena	64	Pots	3d Cov.	93
Vineca	64	Pruning Compound	75	93
Vitis	64	Pruning Gloves	75	93
Zephyranthes	60	Pruning Saws	75	93
		Pruning Shears	75	93
		Pulverizers	70	93
		Putty	83	93
		Putty Distributor	83	93
		Pyrethrum Powder	93	93
		Pyrote	93	93
		Pyrox	93	93
		Raffia	83	93
		Raffiatape	83	93

ORDER SHEET Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply. **ORDER NO.**

L. T.
T.
L.
Zone

HENRY F. MICHELL CO. 516-518 MARKET ST. PHILADELPHIA, PA.

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in This Space

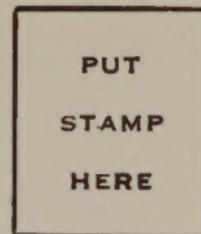
HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

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MICHELL'S SEED HOUSE

516-518 MARKET STREET

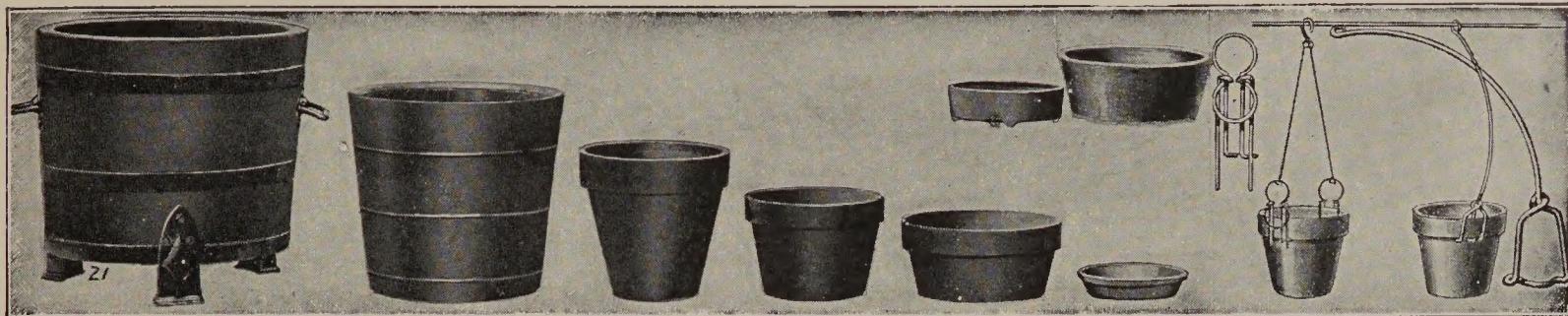
Philadelphia, Pa.

**DON'T FORGET TO WRITE
YOUR
NAME AND ADDRESS**

Michell's Plant Tubs will stand a lot of hard usage

MICHELL'S FLOWER POTS, TUBS, ETC.

Fern
Dish Liner Earthen
Fern Pan



Cedar Tub

Keystone Tub

Earthen
Flower Pot

Azalea Pot

Earthen
Bulb Pan

Earthenware
Saucer

Krick's Pot
Hanger

Eureka Pot
Hanger

Cedar Tubs

Equipped with strong iron hoops

These are made by hand of the very best white cedar, painted green. All measurements are inside.

	Top Diam.	Depth	Each
No. 0	24 $\frac{3}{4}$ in.	24 in.	\$11.00
No. 1	23 $\frac{3}{8}$ in.	22 in.	10.00
No. 2	21 in.	20 in.	9.00
No. 3	18 $\frac{11}{16}$ in.	18 in.	8.00
No. 4	16 $\frac{1}{2}$ in.	16 in.	6.75
No. 5	14 $\frac{7}{16}$ in.	14 in.	6.00
No. 6	12 $\frac{1}{16}$ in.	12 in.	5.00
No. 7	11 $\frac{3}{4}$ in.	10 in.	4.25
No. 8	10 $\frac{11}{16}$ in.	9 $\frac{1}{2}$ in.	3.75

Michell's Keystone Tubs

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

	Inside Diam.	Depth	Each	Doz.	100
No. 1	6 in.	6 in.	\$0.60	\$6.00	\$45.00
No. 2	7 in.	7 in.	65	6.50	46.50
No. 3	8 in.	8 in.	70	7.00	48.00
No. 4	9 in.	9 in.	75	7.50	49.50
No. 5	10 in.	9 in.	80	8.00	60.00
No. 6	11 in.	10 in.	95	9.50	72.00
No. 7	12 in.	11 in.	110	11.00	87.00
No. 8	13 in.	12 in.	140	16.00	100.00
No. 9	14 in.	13 in.	160	17.00	
No. 10	15 in.	14 in.	175	19.00	
No. 11	16 in.	15 in.	190	22.00	
No. 12	17 in.	16 in.	225	23.50	
No. 13	18 in.	17 in.	250	28.00	
No. 14	19 in.	18 in.	300	34.00	

Keystone Fern Tubs

	Inside Top Diam.	Inside Bottom Diam.	Inside Depth	Each
No. 1	8 in.	6 in.	5 $\frac{1}{2}$ in.	\$0.30
No. 2	9 in.	7 in.	5 $\frac{1}{2}$ in.	40
No. 3	9 in.	7 in.	6 $\frac{1}{2}$ in.	45
No. 4	10 in.	8 in.	5 $\frac{1}{2}$ in.	45
No. 5	10 in.	8 in.	6 $\frac{1}{2}$ in.	50

Evergreen Tubs

A low-priced Tub, durable and handsomely finished with two coats of dark green oil-paint.

	Top diam.	Depth	Doz.
No. A	7 $\frac{3}{4}$ in.	5 $\frac{1}{2}$ in.	\$2.40
No. B	9 in.	6 $\frac{1}{2}$ in.	3.00
No. C	10 $\frac{3}{4}$ in.	8 in.	5.75
No. D	10 in.	5 $\frac{1}{2}$ in.	3.00
No. E	10 in.	6 $\frac{1}{2}$ in.	3.10
No. K	11 in.	6 $\frac{1}{2}$ in.	3.50
No. J	12 in.	5 $\frac{1}{2}$ in.	3.50
No. F	13 in.	6 in.	4.00

Azalea Pots

	Depth	Doz.	100	1000
5 in.	4 $\frac{1}{2}$ in.	\$0.65	\$4.35	\$34.00
6 in.	5 in.	95	6.50	51.00
7 in.	6 in.	165	10.80	85.05
8 in.	7 in.	235	15.60	122.85

Earthen Bulb Pans

Diam.	Doz.	100	1000
6 in.	\$0.95	\$6.50	\$51.00
7 in.	1.65	10.80	85.05
8 in.	2.35	15.60	122.85
9 in.	3.50	18.90	
10 in.	5.00	25.55	
12 in.	9.50	52.00	
14 in.	16.00	85.05	

Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 $\frac{7}{8}$ in.	\$0.05	\$0.50	\$3.80
4 $\frac{3}{4}$ in.	2 $\frac{1}{8}$ in.	08	75	5.05
5 $\frac{1}{2}$ in.	2 $\frac{1}{4}$ in.	10	85	6.30
6 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	12	100	7.60
7 in.	2 $\frac{5}{8}$ in.	15	120	8.85
8 in.	3 $\frac{1}{8}$ in.	18	165	12.60
9 in.	3 $\frac{3}{4}$ in.	20	200	15.15

Fern-Dish Liners

Width	Depth	Each	Doz.	100
7 in.	1 $\frac{7}{8}$ in.	\$0.15	\$1.56	\$8.51

Earthen Flower Pots

Width Inside	Doz.	100	1000
1 in.	\$0.15	\$1.00	\$7.55
2 in.	15	1.05	7.55
2 $\frac{1}{4}$ in.	20	1.10	8.05
2 $\frac{1}{2}$ in.	25	1.20	9.45
3 in.	30	1.55	12.30
3 $\frac{1}{2}$ in.	35	1.95	15.15
4 in.	40	2.40	18.90
4 $\frac{1}{2}$ in.	50	3.25	25.55
5 in.	65	4.35	34.00
5 $\frac{1}{2}$ in.	85	5.40	42.55
6 in.	95	6.50	51.00
7 in.	165	10.80	85.05
8 in.	235	15.60	122.85
9 in.	350	18.90	
10 in.	500	25.55	
12 in.	950	52.00	
14 in.	1600	85.05	

Neponset Paper Pots

Green. For Growing

Size	Weight per 1000	Price per 1000
2 in.	14 lbs.	\$5.00
2 $\frac{1}{4}$ in.	16 lbs.	5.70
2 $\frac{1}{2}$ in.	22 lbs.	5.75
3 in.	28 lbs.	7.00
3 $\frac{1}{2}$ in.	39 lbs.	9.00
4 in.	52 lbs.	10.50
5 in.	88 lbs.	14.75
6 in.	124 lbs.	19.75

Special prices will be quoted f.o.b. factory.

Red Paper Pots

Diam.	Weight per 1000	100	P. Post	1000
2 in.	10 lbs.	\$0.40	\$0.50	\$2.50
2 $\frac{1}{4}$ in.	12 lbs.	45	55	2.60
2 $\frac{1}{2}$ in.	16 lbs.	50	60	2.70
3 in.	24 lbs.	65	80	3.30
3 $\frac{1}{2}$ in.	34 lbs.	85	100	4.25
4 in.	46 lbs.	100	120	5.25
5 in.	74 lbs.	125	145	7.50
6 in.	102 lbs.	150	175	9.50

Sizes marked * are packed 500 to a crate, other sizes, 1000.

Special prices will be quoted f.o.b. factory.

Earthenware Saucers

Diam.	Doz.	100	Diam.	Doz.	100
4 in.	\$0.25	\$1.45	9 in.	\$1.30	\$7.90
5 in.	35	1.90	10 in.	1.75	12.60
6 in.	50	2.85	12 in.	2.75	18.90
7 in.	70	4.30	14 in.	4.00	25.20
8 in.	100	6.00			

Rubber Saucers

Size	Each	Doz.
5 $\frac{1}{8}$ -in.	\$0.20	\$2.00
7 $\frac{1}{8}$ -in.	30	3.00
10 $\frac{1}{8}$ -in.	50	5.50
12 $\frac{1}{4}$ -in.	80	8.00

Wood Fibre Saucers

Outside Diam.	Each	P. Post	Doz.
6 in.	\$0.50	\$0.60	\$5.50
7 in.	60	70	6.50
8 $\frac{1}{2}$ in.	70	80	7.75
10 in.	80	90	8.25

FOUR "BIG SELLERS" PETUNIAS



Michell's New Improved Dwarf Elk's Pride

A really dwarf type of this popular Petunia which entirely lacks the straggly habit of this strain. Plants are of upright habit, free flowering. The color is the well-known royal purple. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$2.00.



Improved Dwarf Giant Copper-Red

Michell's Exclusive Introduction for 1940

An outstanding large-flowering variety of brilliant copper-red with dark throat. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$3.00.



Improved Dwarf Giant Pink Glory

Michell's Exclusive Introduction for 1940

An Improved Strain with very large rose-pink flowers. Plants are of dwarf, compact habit. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz. \$2.50.



Giant Snowstorm

The finest large-flowering, plain-edged, pure white Petunia in existence. $\frac{1}{2}$ trade pkt. 60c.; \$1.00 per trade pkt.; $\frac{1}{32}$ oz. \$2.50.